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REPORT

ON THE

SANITARY STATE

OF THE

CITY OF MONTREAL

ALSO

AN ACCOUNT OF THE OPERATIONS OF THE BOARD OF HEALTH AND THE VITAL STATISTICS

FOR THE YEAR 1908

BY

Dr. LOUIS LABERGE
MEDICAL OFFICER OF HEALTH

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COMMITTEE ON HYGIENE AND STATISTICS.

Aldermen appointed by Council in February, 1908.

Aldermen :—E. G. DAGENAIS, M.D., Chairman.

O. DAVID,

V. LEVESQUE,

D. GALLERY,

J. P. MARIN, M. D.

T. O'CONNELL,

W. E. MOUNT.

By transfer

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SANITARY INSPECTION.

SANITARY INSPECTION.

STAFF.

J. E. DORE, Sanitary Engineer.
J. E. DUROCHER, Superintendent of Sanitary Police.
J. F. QUINN, Asst.-Superintendent of Sanitary Police

Clerks.

V. PLAMONDON, J. N. PROULX, J. L. E. TREMPE.

Inspectors of Plumbing.

J. SEVIGNY, J. P. TANSEY, P. A. CONNOLLY, A. DEMERS, J. B. LALONDE, G. P. MARTIN, J. J. CURRIE, J. B. GALIPEAU, ED. ROBINSON.

Sanitary Inspectors.

E. SENECAL, CHS. LACROIX, J A. PLANTE, J. L. SPIERS, F. NOLAN, R. VERDON, R. LAUZON, A. CHARTRAND, J. ROCHON, J. CLEEVELY, JOS. MONTY, J. B. BISAILLON, E. E. HARRIGAN, NAP. BOILEAU, E. PERREAULT, NAP. COULOMBE.

REPORT

ON THE

SANITARY STATE

OF THE

CITY OF MONTREAL

FOR THE YEAR 1908

To the Chairman and Members
of the Committee on Hygiene and Statistics.

Gentlemen,

I have the honor of presenting to you my report for the year 1908.

Marriages.

The number of marriages for the year was 3,515 being 9.25 per 1,000 of the population, a diminution of 512 of the number registered during 1907 and of 0.24 per 1,000 as compared to the marriage-rate during the last 24 years.

This falling off was due, perhaps, to the financial depression which prevailed generally.

These marriages are distributed as follows:

French-Canadians	1,889 —	8.10	per 1,000.
Other Catholics	380 —	6.83	" "
Protestants	1,106 —	16.60	" "
Jews	140 —	9.22	" "

I wish to draw your attention to the difficulty we meet with in trying to figure out correctly the number of marriages amongst our citizens of Jewish origin. Either through ignorance of our laws or because they do not fully realise the necessity of registering their marriages, many Synagogues neglect to send their annual reports to the Tutelle Office as the law demands, and, as a consequence, it is sext to impossible to ascertain the number of marriages amongst them. These remarks apply also to the births.

Births.

The number of births in 1908 amounted to 14,606 or 38.43 per 1,000, an increase of 2.38 per 1,000 over 1907, as follows:

French-Canadians	10,210 — 44.04	per	1,000
Other Catholics	1,641 — 29.51	"	"
Protestants	2,020 — 30.33	"	"
Jews	735 — 28.26	"	"

I regret to state that many medical men and fathers of families neglect to send their birth-certificates to the Board of Health as is required by law, and legal proceedings had to be taken in several cases without, however, completely remedying the neglect of this important duty. We have to complain also, of the way in which many churches fail to send in their registers to the Tutelle Office within the prescribed time thus preventing our annual report from being issued earlier in the year.

Deaths.

Our mortality for the year was 8,723 or 22.95 per 1,000 of our populaton, being 0.39 per 1,000 greater than in 1907. If we eliminate from this number the deaths of illegitimate children and of those prematurely born, the rate would be 20.70 per 1,000.

The mortality is distributed as follows:

French-Canadians	6,051 — 26.10	per 1,000
Other Catholics	1,191 — 21.40	" "
Protestants	1,200 — 18.01	" "
Jews	281 — 10.80	" "

Deaths from certain diseases.

Diarrhoeal diseases at all ages and in every form were accountable for 1,801 deaths, or 171 more than in 1907.

Phthisis: 711 deaths, or 48 more than in 1907.

Typhoid Fever: there were 126 deaths from this disease, being 4 more than in the preceding year. Though the number of reported cases was large (784) the disease itself was of a rather mild type.

Diphtheria: 581 cases reported of which 128 deaths, 57 more than last year.

Measles: 1,258 cases reported and 58 deaths, being 11 less than in 1907.

Scarlatina: 795 cases reported and 81 deaths, 64 more than in 1907.

Small-pox: there were 2 cases (strangers) reported but no deaths.

The mortality amongst children under 5 years of age was 4,804, or 55.17 per cent of the total mortality, being 1.44 per cent more than last year, an increase due, in a large measure, to the exceptionally long duration of the warm weather.

Respectfully submitted,

Dr. L. LABERGE,
Medical Officer of Health.

To Dr. L. Laberge,
Medical officer of Health.

Sir,

I beg to submit to you the following report for the year 1908:

Plans of new buildings examined	56
Plumbing permits issued	1060
Certificates of plumbing issued	243
Plumbers examined	73
Master plumbers licenses granted	15
Certificates of competency granted	35
Licenses renewed	331
Reports on requests for sewers	38
Reports on construction of stables	16
Reports submitted to Hygiene Committee	34
Visits to buildings	728
Notices for infractions of by-laws	48
Official letters	25
Actions before the Recorder	3

Special work: I was present at all the meetings of the Hygiene Committee: I worked at the by-laws regarding hygiene: I supervised the construction of the Levesque Bath.

I installed an apparatus in the north tower of the city Hall, to test and graduate syphons and to demonstrate the necessity of ventilating drains and syphons in dwellings.

As superintendent of public baths, I attended to the repairing, maintenance and administration of these baths.

The personal of the baths consisted of 5 male and 4 female caretakers.

The cost for the male caretakers amounted to $1,152 and $80 for the female ones.

Lighting cost $150 and repairs and maintenance amounted to $700 being a total of $2,082.00.

The construction of a new bath at the corner of Marie-Anne and Boyer streets for the use of Duvernay and St. Jean Baptiste wards, was begun towards the end of October, it will be open winter and summer and be heated by steam.

The following table shows how popular these baths have become and how necessary they are in the poorer districts where house baths are scarce. It would be a good thing if there was one in every ward of the city.

Baths	Men	Women	Children	Total
St-Louis	36,517	275	37,157	73,949
Gallery	16,593	2,782	38,055	57,430
Hochelaga	21,605	450	32,855	54,910
Dagenais - Turner	29,144	6,636	39,516	75,296
St. Helen's Island	33,011	00	34,359	67,370
Grand total	136,870	10,143	181,942	328,955

Respectfully submitted,

J. E. DORE,
City Sanitary Engineer.

During this year (1908) the Board of Health through its Sanitary inspectors instituted 146 actions for breach of the by-laws before the Recorder's Court obtaining judgments in 142 of these cases.

Actions taken	Judgments obtained	Actions dismissed
146	142	4

Inspections of new plumbing work; smoke tests and tests with oil of peppermint, etc.

New drains certified to be without apparent defects	1260
New drains not certified for different reasons	20
Houses inspected by special request	1205
Dwellings inspected by special request	1797
Smoke tests	1537
Tests with oil of peppermint	1801

New plumbing work

Houses	1210
Dwellings	2425
Water closets	2475
Sinks	2287
Baths	1043
Lavabos	1856
Tubs	129
Urinals	143
Soil pipes through the roof	1128
Waste pipes through the roof	155
Vent pipes	419
Ventilators of water closet rooms	1958
Renaud's valves, royal	86
McLennan's valves, (mercury)	31
Floor syphons	272

Shops.	Clubs.	Stalls.	Factories.	Baths.	Presbytaries.	Stations.	Stables.	Skat. Rinks.
120	4	6	26	1	1	1	4	2
Churches.	**Convents.**	**Colleges.**	**Hospitals.**	**Schools.**	**Banks.**	**Hotels.**	**Theatres.**	**Offices.**
3	6	5	4	16	6	16	4	220

J. E. DUROCHER, Sup. S. P.

General resume of the work of the Sanitary Inspectors for the year 1908.

MONTHS	VISITS																											COMPLAINTS				TESTS		NOTIFICATIONS AND PROSECUTIONS							
	Regular	Special	Second	Houses	Dwelling	Boarding houses	Other buildings	Stables	Cellars	Yards	Lanes	Privies	Accumulations of manure	New drains	Vacant lots	Basements	Dirty houses	Dark rooms	Drains	Sinks	Waste pipes	Water closets	Soil pipes	Ventilation	Water pipes	Dirty sheds	Made by citizens	Well founded	Unfounded or previously rectified	Made to inspectors	With oil of peppermint	With smoke	Orders given to abate various nuisances	Written notices served	Days employed at other work	Prosecutions	Judgment obtained	Act dismissed	Arrests	Second notifications
January	6560	1508	740	4049	7247	150	852	441	2597	3532	101	68	96	36	66	483	48	519	3449	11500	11500	8534	7802	8534	47	1	300	243	57	31	80	99	477	195	171	1	.....	.....	.....	21
February	9259	2200	1143	6617	10067	228	1542	653	3909	4754	151	102	152	37	110	562	34	396	5301	15069	15069	11998	11175	11998	72	2	530	441	89	60	145	139	619	332	267	.....	1	.....	.....	48
March	7647	1874	841	4532	8047	148	1138	586	2778	3741	118	98	87	39	119	453	28	418	4005	10694	10694	8874	8542	8874	31	8	390	326	64	38	137	82	550	230	197	7	6	.....	.....	40
April	847	11947	898	1305	2103	44	217	2123	826	10832	281	395	748	113	128	169	15	94	1389	3300	3300	2500	1909	2500	6	33	510	440	70	32	127	105	2418	363	166	2	2	.....	.....	30
May	.....	12547	1899	1329	1988	45	156	1815	822	10569	359	333	634	248	151	152	18	15	1521	3341	3341	2524	1689	2524	19	56	1390	1180	210	130	182	167	2585	444	220	66	59	2	4	77
June	.....	11609	1431	958	1293	25	106	1359	579	10131	293	1005	327	197	201	118	24	8	1061	2756	2756	1972	1530	1972	15	30	680	552	128	75	136	134	977	345	167	23	26	.....	.....	53
July	3841	5358	1065	3042	5100	85	535	809	2003	4937	210	395	880	163	394	264	20	165	2763	7658	7658	5761	4929	5761	21	14	830	656	174	102	161	158	673	332	341	22	23	.....	.....	66
August	5403	2922	873	3571	6207	142	575	529	2311	3458	132	239	117	159	306	469	2	203	2998	9078	9078	6890	6350	6890	42	10	790	600	190	90	171	108	542	239	224	4	3	.....	.....	37
September	7835	2971	928	4791	8667	282	628	582	2931	4451	183	232	58	177	200	756	5	376	4154	12016	12016	9142	8512	9142	37	10	559	469	90	50	121	100	513	292	183	7	9	.....	.....	53
October	12337	2858	1354	7366	12267	335	2092	861	4713	6564	234	221	115	207	441	975	45	335	6557	19786	19786	15032	13888	15032	47	13	780	679	101	56	278	160	926	414	182	1	1	.....	.....	78
November	8977	1965	1012	5543	10456	207	1195	663	3449	4588	142	223	76	166	182	926	15	443	5038	14729	14729	11195	10365	11195	18	3	440	386	54	35	155	151	555	308	150	11	6	2	.....	79
December	9681	2065	1081	5802	9818	273	1552	788	3471	4671	151	157	100	47	166	666	10	572	5248	16324	16324	12256	11325	12256	30	1	441	363	78	35	108	134	598	363	199	2	6	.....	.....	69
Total	72387	59824	13265	48905	83260	1964	10588	11209	30389	72228	2355	3468	3390	1589	2464	5993	264	3544	43484	126251	126251	96678	88016	96678	385	181	7640	6335	1305	734	1801	1537	11433	3857	2467	146	142	4	4	651

J. E. DUROCHER, Surintendant S. P.

Statement showing the number of privy pits within the City from December 1891 to the 31st December 1908.

WARDS	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	Total	Still remaining 31 Dec. 1903	Abolished in 1904	Still remaining 31 Dec. 1904	Abolished in 1905	Still remaining 31 Dec. 1905	Abolished in 1906	Still remaining 31 Dec. 1906	Abolished in 1907	Still remaining 31 Dec. 1907	Abolished in 1908	Still remaining 31 Dec. 1908
St. Ann	1459	146	147	140	147	19	24	67	60	52	70	265	70	1207	252	71	181	8	173	25	148	38	110	.....	110
St. Andrew	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	5	1	.....	3	2	1	1	.....	.....	.....
St. George	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35	26	9	1	8	3	5	1	4	1	3
St. Joseph	1383	125	145	175	112	27	33	21	32	45	20	333	139	1207	135	20	115	9	106	20	86	.....	86	8	78
St. Mary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68	17	51	14	37	5	32	2	30	7	23
Papineau	1280	50	53	57	63	34	20	39	40	18	60	437	86	957	255	83	172	7	165	19	146	44	102	21	81
St. James	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	99	9	90	29	61	11	50	25	25	.....	25
Lafontaine	1081	40	47	57	53	22	35	40	40	27	10	387	90	848	134	62	72	23	49	6	43	13	30	.....	30
St. Jean Baptiste	857	75	90	118	135	24	10	17	46	28	40	154	50	787	60	24	36	4	32	2	30	6	24	10	14
Duvernay	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	3	7	1	6	2	4	1	3	.....	3
St. Louis	740	80	87	116	137	30	31	24	27	17	25	63	5	642	98	38	60	24	36	9	27	2	25	6	19
St. Gabriel	735	50	53	92	102	28	15	13	31	16	30	166	43	639	96	44	52	1	51	5	46	16	30	.....	30
St. Lawrence	568	55	52	63	59	34	9	32	38	30	35	59	4	470	98	26	72	6	66	21	45	5	40	18	22
Hochelaga	326	25	26	32	48	11	6	8	13	9	25	8	48	259	67	33	34	.....	43	.....	79	5	74	.....	90
East	68	5	1	6	12	2	.....	3	.....	3	15	8	3	58	10	5	5	.....	5	2	3	1	2	1	1
West	17	.....	.....	3	4	2	.....	.....	.....	.....	.....	5	1	15	2	.....	2	.....	2	.....	2	.....	2	1	1
Centre	14	1	1	3	3	3	.....	.....	.....	1	.....	.....	1	13	1	.....	2	.....	2	1	1	1	.....	.....	.....
St. Denis	604	.....	.....	....	.....	1	4	9	18	12	60	185	192	481	123	15	108	.....	114	12	102	3	99	.....	146
St. Cunegonde	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52	20	32	3	29
St. Henry	....	.....	...	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....	.....	....	.....	307	71	236	95	141
Villeraï	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....	.....	.....	.....	.....	....	.....	105	.....	160	.....	178
Rosemount	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....	.....	.....	.....	82	.....	85	.....	133
Sault au Recollet (in part)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	160	.....	160
St. Laurent (in part)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	130	.....	130
Mount Royal	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	153
Rosemount (in part)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75
Total	9132	652	702	862	875	237	187	273	345	258	390	2070	732	7585	1549	481	1068	127	959	145	1396	255	1489	171	1675

The increase in the number of privy pits in certain wards is due to new houses having been built in streets possessing no sewers.

J. E. DUROCHER
Superintendent S. P.

Removal of night-soil, 1908.

WARDS	Hochelaga		St. Mary		Papineau		St. James		Lafontaine		St. Louis		St. Lawrence		St. Joseph		St. George		St. Andrew		St. Ann		West		Center		East		St. Jean Baptiste		Duvernay		St. Gabriel		St. Denis		St. Cunegonde		St. Henry		Mount Royal		Pits unconnected with sewer	Pits connected with sewer	Number of cubic feet
MONTHS	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet	Pits	Feet			
January	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	80	...	...	...	...	...	...	...	...	2	...	160
February	...	...	...	...	...	...	...	...	1	60	...	...	3	240	1	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	4	380
March	...	...	...	...	1	60	...	...	...	...	...	...	2	160	3	200	...	...	...	...	5	340	...	...	...	...	...	...	...	...	...	...	1	60	...	...	...	...	...	...	...	...	8	4	820
April	...	...	1	60	4	266	...	...	3	176	2	72	3	374	8	827	1	145	1	36	4	654	...	...	...	...	...	...	...	...	...	...	11	716	...	...	1	240	12	696	...	...	29	22	4262
May	1	36	...	...	1	80	2	116	4	168	7	432	3	232	20	1348	2	120	...	...	2	248	...	...	...	...	...	...	3	108	...	...	10	480	2	72	3	200	8	568	...	...	37	31	4208
June	3	108	2	152	7	458	...	...	...	...	4	144	...	...	12	644	...	...	...	...	4	332	1	72	...	...	...	...	2	224	3	152	9	780	31	1456	1	236	8	508	6	527	77	16	5593
July	3	213	2	212	3	152	6	464	...	...	...	...	2	116	4	232	...	...	1	80	7	783	...	...	...	...	...	...	2	160	...	...	...	...	4	144	...	...	5	312	1	36	31	9	2904
August	1	36	...	...	1	80	3	255	...	...	2	72	...	...	5	312	...	...	...	...	3	256	...	...	...	...	...	...	...	...	1	36	1	80	5	224	1	80	4	188	1	80	17	11	1699
September	...	...	1	68	1	80	2	629	...	...	...	...	2	72	3	983	1	160	...	...	3	383	...	...	...	...	...	...	...	...	...	...	...	...	3	138	...	...	1	80	1	36	12	6	2629
October	...	...	4	276	3	207	1	36	...	...	1	80	...	...	6	577	...	...	...	...	2	160	...	...	...	...	...	...	...	...	...	...	...	...	2	72	4	332	4	188	...	...	12	15	1928
November	1	36	1	80	2	81	2	116	...	...	...	...	1	160	5	263	...	...	...	...	1	80	...	...	...	...	...	...	...	...	...	...	2	216	4	188	1	36	2	116	...	...	16	06	1272
December	1	80	...	...	...	...	3	240	...	...	...	...	...	...	1	36	...	...	...	...	1	36	...	...	...	...	...	...	...	...	...	...	...	...	2	72	1	80	1	80	...	...	7	03	624
Total	10	509	11	848	23	1464	19	1856	8	404	16	800	16	1354	69	5582	4	425	2	116	32	3272	1	72	...	...	...	...	7	492	4	188	35	2312	53	2366	12	1004	45	2736	9	679	219	127	26479

J. L, E. TREMPE.

Resume of the work of the Sanitary Inspectors, by months, for 1908.

MONTH 1908	REPAIRS											Unsanitary dwellings		REMOVALS					CLEANED							
	Drains	Sinks	Waste pipes	Water closets	Soil pipes	Ventilation	Cess-pits	Stables	Sheds	Water pipes	Escape of illuminating gas	Humidity	Overcrowded or dirty	Cess-pits	Wooden slop trunks	Accumul'tn of manure	Nuisance caused by dead rats	Manure boxes	Cellars	Yards	Lanes	Vacant lots	Cess-pits	Fowl kept in houses	New manure boxes	New water closets
January	66	31	176	338	61	44	..	5	1	47	13	37	67	...	..	96	10	2	26	12	2	2	1	3	..	....
February	57	22	184	341	69	19	2	4	2	72	18	49	44	...	..	152	4	4	29	15	2	3	5	6	2	..
March	65	25	202	246	36	30	..	5	8	31	8	20	58	...	..	87	6	2	34	45	4	8	12	5	8	....
April	68	17	75	134	26	24	..	6	33	6	7	11	34	16	..	748	7	44	32	1270	18	8	51	....	42	24
May	99	52	99	229	45	37	1	14	57	20	15	26	50	21	..	634	11	23	62	625	31	37	74	2	25	27
June	93	27	72	163	29	23	1	9	30	15	21	14	33	26	..	327	11	30	35	233	17	37	97	1	21	36
July	85	25	139	255	87	39	1	4	14	28	10	18	23	42	..	880	7	18	36	113	10	8	45	1	17	57
August	101	42	157	252	86	31	..	6	15	30	29	16	11	38	..	117	6	15	30	76	8	13	29	....	6	51
September	90	40	204	275	66	27	..	1	15	32	14	17	30	12	1	58	3	6	25	47	4	17	18	9	8	21
October	124	60	253	335	46	29	..	6	21	35	17	26	49	11	..	115	5	3	27	61	2	12	27	5	12	20
November	99	35	171	286	29	15	..	2	8	17	6	25	39	5	..	76	3	4	26	38	2	...	22	3	11	6
December	52	29	215	333	35	20	..	7	5	26	13	50	19	...	..	100	15	...	20	16	...	1	10	1	5	....
Total	999	405	1947	3190	615	338	5	69	209	359	171	309	457	171	1	3390	88	151	382	2551	100	146	391	36	157	242

J. E. DUROCHER, Superintendant S. P.

New plumbing work found defective and repaired in 1908.

MONTHS	Water closets	Sinks	Baths	Lavabos	Tubs	Urinals	Drains	Soil pipes	Waste pipes	Back air vents	Ventilation	Syphons	Renaud valves	McLennan valves	Floor syphons	Unwiped joints
Jan. . . .	40	6	1	10	.....	.....	23	33	31	6	22	8	.....	....	5	32
Feb. . . .	42	3	.....	1	5	1	33	51	52	15	18	2	3	3	9	25
Mar. . .	23	10	2	11	.....	.....	29	18	42	16	21	.....	.....	.....	20	30
April . .	55	3	2	3	....	1	37	20	31	6	16	.....	....	.....	6	27
May. . .	82	10	2	120	.....	16	59	30	21	40	19	.....	.....	.....	16	49
June. . .	66	7	1	4	.....	.....	49	21	21	17	9	.....	1	.....	15	37
July. . . .	126	7	2	2	.....	5	15	70	30	7	18	.....	.....	.....	11	8
Aug. . . .	84	13	1	9	3	1	41	67	38	19	1	....	.....	.....	17	34
Sept. . .	42	6	1	2	.....	1	37	40	23	3	5	.....	1	1	3	.....
Oct	46	17	7	2	4	.....	64	31	50	5	11	.....	6	....	9	2
Nov. . .	25	7	....	1	.....	.....	44	12	17	2	4	.....	.....	.....	1	.....
Dec. . . .	47	3	.....	.....	.....	.....	9	15	13	3	9	.....	.....	.....	.....	2
Total. . .	678	92	19	165	12	25	440	408	369	139	153	10	11	4	112	246

J. E. DUROCHER,
Superintendant, S. P.

FOOD INSPECTION.

Food Inspection.

STAFF.

Dr. J. J. McCARRY, Chief Inspector.
R. G. MAYOTTE, D. M. V., Assistant Chief Inspector.

City Analyst.

Milton L. HERSEY, M. A., Sc. L. L. D.

BACTERIOLOGIST.

Dr. H. ST-GEORGE,

Milk Inspectors.

J. A. LESPERANCE, J. E. EMARD, L. J. E. LEDUC.

Meat Inspectors at the Abattoirs.

B. McSHANE, Montreal stock yards.
Alp. BAYARD, Eastern Abattoir.

City Meat Inspectors.

Art. HAMALL, H. S. MASTERMAN.
J. L. NAULT, O. LEGAULT.

Bread Inspector.

L. F. ROBERT.

Inspectors of fruit, vegetables and fish.

T. E. GRENIER, J. A. CATELIER.

Inspection of milk in the Eastern Division of the City, by Clerks.

A. V. GRAVEL, A. LORTIE.

Report of Dr. J. J. McCarry, Chief Food Inspector, during the year 1908.

1908 MONTHS	Visits to abattoirs	Animals confiscated	Groceries inspected	Fruit stores inspected	Farmer's waggons and outside stalls inspt'd.	Bakeries and confectionaries inspected	Wholesale houses and salting houses inspt'd.	Stables and dairies inspected	Stations and milk cars inspected	Calves inspected at the Exoress Offices of the C.P.R., and the G.T.R.	Number of complaints	Number of samples of food submitted to Dr. M. L. Hersey	Number of samples of food submitted to Dr. H. St-Georges	Inspection of ice at cutting places	Permits for milk licences issued	Permits for baker's licences issued	Pounds of sundry goods confiscated	Remarks
																	Lbs.	
January	3	70	..	9	246	....	3	....	1	.....	22	6	.....	9	....	....	360	
February....	12	108½	5	9	436	1	1	....	7	.....	24	8	2	6	....	....	1050	
March	16	706	3	10	469	3	1	1	11	4	38	16	3	3	....	....	1570	
April	17	1089	3	34	459	3	1	1	9	8	34	17	.....	.....	10	....	2525	
May	10	412	..	53	670	6	4	4	36	.....	37	8	20	.....	164	82	3295	
June	8	215	7	44	310	....	1	4	20	.....	33	2	16	.....	213	63	1610	
July	8	85	3	39	588	1	2	1	35	.....	55	2	32	.....	26	7	350	
August	9	63½	..	59	582	....	...	1	18	.....	42	.....	18	.....	9	1	979	
September .	10	117½	..	62	878	3	1	1	22	.....	26	4	26	.....	26	6	1465	
October ...	9	160	..	6	973	1	.....	....	12	.....	22	9	9	.....	77	....	1393	
November .	10	127¾	..	5	592	....	.....	...	16	.....	23	9	.....	.....	8	....	....	
December .	12	132	1	16	3348	1	3	....	35	.....	24	11	.....	3	3	....	1835	
Total ..	124	3286½	22	346	9551	19	17	13	222	12	380	92	126	21	536	159	16132	

Inspection of milk in the Eastern Division of the City, by Dr. R. G. Mayotte, Assistant Chief Inspector, during the year 1908.

1908 MONTHS	Density			Proportion per cent of butter fat			Number of samples collected and tested	Number of convictions	Groceries inspected	Stables insp't'd. (City)	Stables insp't'd. (Country)	Dairies inp't'd. (City)	Dairies insp't'd. (Country)	Animals examined	Special inspections	Inspections by month	Gallons of milk confiscated	Remarks
	Minimum	Mean	Maximum	Minimum	Mean	Maximum												
January	1025	1027	1031	2.2	3.0	4.2	40	...	74	12	12	....	...	32	9	105	....	I confiscated 71 beaves at the different city abattoirs amountiug to 32,419 pounds of meat unfit for use.
February	1026	1029	1032	2.6	4.0	5.8	80	....	178	25	41	8	8	119	10	268	....	
March	1025	1031	1038	2.2	4.8	5.8	137	5	116	....	...	....	....	....	23	139	....	
April	1024	1029	1038	2.2	3.8	5.8	45	2	150	36	53	....	....	201	44	265	20	
May	1024	1028	1038	1.8	3.6	5.8	191	....	72	38	79	66	6	294	32	289	20	
June	1026	1028	1035	1.8	3.6	9.0	182	6	38	24	24	44	445	225	232	202	4	
July	1024	10297	1035	2.8	3 4	3.8	241	....	106	15	15	57	57	37	44	394	115	
August	1024	1026	1031	2.8	3.8	4.6	234	4	126	10	10	50	39	62	32	183	23	
September	1024	1026	1031	2.8	3.8	4.6	75	7	166	123	123	46	45	335	18	506	...	
October	1027	1030	1035	2.8	4.2	6.2	81	1	252	71	71	8	8	810	9	414	....	
November	1027	1030	1031	2.8	4.2	6.2	2	....	188	12	12	....	....	75	13	272	....	
December	1024	1055	1035	2.8	4 2	6 4	57	....	269	36	12	37	12	308	23	389	....	
Total	10249	10297	10341	2.44	3.84	5.1	1365	25	1735	415	452	316	220	2498	489	3426	182	

Inspection of milk in the Western Division of the City, by Dr. A. Lesperance, during the year 1908.

1908 MONTHS	Density			Proportion per cent of butter fat			Number of samples collected and tested	Number of convictions	Groceries inspected	Stables insp't'd. (City)	Stables insp't'd. (Country)	Dairies inp't'd. (City)	Dairies insp't'd. (Country)	Animals examined	Special inspections	Inspections by month	Remarks
	Minimum	Mean	Maximum	Minimum	Mean	Maximum											
January	1021	1027	1032	1.0	3.8	12.	138	1	205	15	15	15	15	269	7	272	During the year I confiscated 43,000 pounds of beef, and made 37 visits to the different abattoirs. I collected, also, 10 samples of milk for bacteriological analysis.
February	1026	1030	1031	2.8	3.7	4.8	63	....	178	12	20	16	20	365	8	248	
March	1023	1029	1033	2.7	3.7	7.0	114	....	160	9	30	9	30	539	5	238	
April	1027	1029	1031	2 7	3.6	4.4	81	2	201	19	9	24	9	216	19	273	
May	1025	1029	1032	2.5	3 4	4.4	146	1	111	17	24	27	24	395	15	212	
June	1026	1029	1033	2.6	3.4	4.8	123	1	101	9	23	24	23	421	12	189	
July	1025	1028	1035	2 8	3.4	5.0	182	11	159	6	7	29	7	36	15	224	
August	1026	1030	1032	2.4	3.8	5.0	65	1	212	7	11	35	11	39	8	281	
September	1023	1029	1031	2.8	3 8	4.4	98	....	146	9	18	35	18	30	9	228	
October	1027	1030	1032	2.8	3.7	4.6	90	2	71	4	10	27	10	18	3	124	
November	....	....	....	...	....	....	....	....	....	....	130	15	130	2349	....	280	
December	1022	1028	1033	2.8	3.8	5.6	71	....	64	3	7	49	7	251	8	122	
Total	10238	1028	10329	2.43	3.61	5.6	1161	19	1608	104	304	305	304	4928	109	2691	

NUMBER OF SAMPLES OF MILK

Having a density less than 1029 289
" " greater than 1033 17
" less than 3% of fatty matter 77

Inspection of milk in the Western Division of the City, by Inspector J. E. Emard, during the year 1908.

1908 MONTH	Density			Proportion per cent of butter fat			Number of samples collected and tested	Number of samples collected for bacteriological analysis	Number of convictions	Stables insp't'd. (City)	Stables insp't'd. (Country)	Dairies inp't'd. (City)	Dairies insp't'd. (Country)	Groceries inspected	Inspections at C.P.R. and G.T.R. Stations	Milch cows inspected	Gallons of milk confiscated	Dirty milk cans confiscated	Milk can lids confisc't'd.	Special inspections	Remarks
	Minimum	Mean	Maximum	Minimum	Mean	Maximum															
January ...	1028	1030	1037	2.2	3 6	7.2	35	.....	...	4	....	6	....	278	6	56	....	....	...	..	Spent a week at the Windsor and Bonaventure stations, and at Stottsville & Lacolle.
February ..	1024	1029	1033	2.7	3.7	5 1	109	.....	1	7	1	10	1	313	4	90	....	....	....	2	
March	1025	1029	1033	2 4	3.5	5.7	144	4	7	9	....	10	....	255	7	66	....	....	....	1	
April	1027	1029	1032	2.7	3.3	4.0	34	.....	3	13	....	27	....	147	24	116	....	1	1	3	
May	1025	1029	1032	2 0	3.3	4.6	192	.....	5	5	1	14	1	122	12	26	...	4	4	4	
June	1028	1031	1033	2.4	3.6	6.0	169	.....	4	..	...	5	....	44	27	....	128	1	1	..	Confiscated 25 lbs of tomatoes.
July	1024	1029	1034	1.7	3.6	4.8	215	.....	5	6	....	9	...	92	15	10	60	....	....	4	
August	1026	102[illegible]	1031	2.4	3.6	4.6	210	.....	2	25	....	29	....	86	18	77	14	3	3	2	
September .	1025	1029	1031	2.7	3.5	5.0	88	.....	6	5	37	19	37	297	25	454	162	...	....	2	
October	1026	103	1034	2.4	3 9	4.4	112	.....	....	5	....	10	....	169	17	4	62	3	3	1	
November .	1025	1030	1033	3 0	3 8	5 0	77	.....	1	7	....	35	....	292	18	81	20	1	....	..	
December .	1024	1029	1033	2.6	3.7	5.7	73	.....	3	10	....	41	....	270	18	35	4	6	....	..	
Total .	20251	1029	1033	2.44	3.51	5.15	1458	4	36	96	39	215	39	2365	191	1025	450	19	12	19	

SAMPLES OF MILK

Having a density less than 1023 410
" " greater than 1032 40
" less than 3% of fatty matter 145

Inspection of milk in the Eastern Division of the City, by Inspector L. J. E. Leduc, during the year 1908.

1908 MONTH	Density			Proportion per cent of butter fat			Number of samples collected and tested	Number of samples collected for bacteriological analysis	Number of convictions	Stables insp't'd. (City)	Stables insp't'd. (Country)	Dairies inp't'd. (City)	Milch cows inspected	Inspection at Stations	Groceries inspected	Gallons of milk confiscated	Milk can lids confiscated	Special inspections	Dirty milk cans confiscated	Dairies insp't'd (Country)	Remarks
	Minimum	Mean	Maximum	Minimum	Mean	Maximum															
Jan.	1025	1030	1034	2.2	3.6	6.0	56	.....	1	3	....	6	28	18	267	3	....	2	....	....	Had charge of office during month.
Feb.	1026	1029	1032	2.5	3.6	4.9	175	.....	6	5	....	5	46	15	171	....	....	1	....	....	
March ...	1023	1028	1031	2.3	3.7	4.5	200	.....	15	18	....	24	90	30	158	60	....	3	....	....	
April	1026	1030	1030	2.7	3.7	4.7	122	.....	....	19	....	25	127	39	205	....	9	1	....	....	Confiscated 8 gallons of cream.
May.	1026	1029	1031	2.7	3.6	4.6	131	4	2	14	....	17	77	13	166	....	8	1	....	....	
June....	1029	1031	1032	2.8	3.5	4.3	30	.....	1	....	....	5	....	3	22	3	....	....	....	....	
July....	1027	1029	1032	2.5	3.6	4 8	243	16	1	7	1	11	43	27	100	27	29	....	5	1	
Aug	1023	1029	1031	2.3	3.6	5.0	168	7	....	23	...	37	87	24	150	51	4	....	4	....	15 days of vacation.
Sept.....	1028	1029	1031	2.1	3.6	5.0	51	.....	1	1	1	10	5	9	116	16	4	...	3	1	
Oct.....	1023	1030	1033	3.0	3.6	4.4	195	8	....	18	....	35	62	22	296	6	2	....	...	....	
Nov	10263	10307	10337	4.0	3.9	5.2	143	.....	1	9	1	23	5	22	154	....	....	....	....	1	
Dec.	1029	10304	10319	4.0	4 7	4.75	58	4	1	12	1	18	267	23	206	12	....	....	....	1	
Total..	10269	10303	103711	2.66	3.71	4.80	1572	39	29	129	4	216	837	245	2011	178	56	8	13	4	

NUMBER OF SAMPLES OF MILK

Having a density less than 1029 517
" " greater than 1.033 23
" less than 3% of fatty matter 148

Inspection of meat in the Western Division of the City, by Inspector Art. Hamall, during the year 1908.

MONTH	Visits to Bonsecours Market	Jacques Cartier	St. Lawrence	St. Antoine	St. Jean Baptiste	Visits to private butcher stalls	Visits to stalls in markets	Wholesale commission stores	Lbs. of beef confisc't'd.	Veal	Mutton	Livers	Fowl	Sausage	Pudding	Tripe	Salt beef	Fish	Pork	Ham	Kidney	Remarks
January ...	18	18	18	18	3	963	1965	75	1735	415	510	390	450	280	160	200	10	40	260	25	15	Confiscated a tuber ulous cow at Lecavalier & Riel.
February ..	24	24	24	24	..	930	1755	100	4590	690	555	365	295	300	55	118	15	235	455	45	140	
March	22	22	22	22	..	1041	1588	100	3350	1478	395	295	420	275	115	158	135	195	295	45	115	
April	22	22	22	22	..	1083	1111	100	2030	2205	465	426	468	318	200	187	215	515	375	50	153	
May	21	21	5	23	..	1027	911	25	1590	1953	340	380	365	315	260	205	80	240	360	...	85	
June	21	21	..	9	..	1082	812	....	1985	1595	405	230	295	305	125	80	190	235	350	...	55	
July	24	24	..	9	..	3123	333	...	2235	810	410	460	307	300	70	....	220	205	455	...	215	
August	9	9	..	23	..	442	....	....	1175	260	....	205	125	138	220	....	....	105	190	...	80	
September .	23	23	..	...	..	1008	1001	....	1775	645	...	415	320	328	300	....	....	230	310	...	....	
October ...	18	18	..	18	..	802	592	....	1445	625	....	355	300	295	....	...	....	270	280	...	....	
November .	26	26	4	26	..	758	1030	....	1780	150	475	495	380	300	135	298	150	295	410	55	....	
December .	20	20	..	20	..	994	758	100	1890	570	460	470	270	260	145	90	....	285	430	...	205	
Total ...	248	258	95	214	3	12753	11856	500	25580	11396	4015	4486	3995	3414	1785	1336	1015	2810	4170	220	1063	

Inspection of meat in the Eastern Division of the City, by Inspector H. S. Masterman, during the year 1908.

MONTH—1908	Wholesale houses inspected	Visits to private butcher stalls	Salting houses visited	Visits to stalls in markets	Visits to Bonsecours Market	Jacques Cartier	St. Lawrence	St. Jean Baptiste	St. James	Fish market	Lbs. of beef confisc't'd.	Veal	Mutton	Pork	Fowl	Sausage	Kidney	Pudding	Ham	Bacon	Fish	Venison	Tripe	Remarks
Jan...	100	1241	56	133	24	24	24	8	8	39	1276	124	950	787	1018	713	413	371	853	....	388	212	309	With Dr. Mayotte I inspected the cold storage depots.
Feb..	100	1375	64	1191	25	25	25	9	9	48	1267	1029	1190	861	819	645	479	414	843	....	444	...	296	
Mar...	100	1410	22	1258	25	25	25	10	10	30	1358	1477	1568	696	723	580	374	354	675	....	305	...	221	Confiscated with Dr. Mayotte 3,100 lbs. beef, 40 lbs. mutton.
April.,	100	1136	16	1253	23	23	23	8	8	48	1247	1942	1195	605	810	826	373	384	833	....	475	...	266	
May..	....	1021	49	1048	19	19	19	8	8	36	874	1437	795	492	447	483	276	258	567	....	182	...	249	Confiscated with Mr. A. Hamall, 300 lbs. mutton, 1 600 lbs veal, 7,-181 lbs. fruit, 1,360 lbs. vegetables,
June..	....	1274	49	1354	26	26	26	10	10	49	1161	1413	911	603	722	614	425	392	685	....	325	...	70	
July..	....	1262	56	1378	24	24	24	8	8	49	1173	1200	1055	644	680	640	414	341	678	227	270	...	...	
Aug..	....	1422	63	1459	27	27	27	9	9	60	1440	1119	1235	694	782	774	485	341	786	255	169	...	...	911 lbs. "
Sept..	....	661	14	794	14	14	14	4	4	24	737	574	488	399	431	378	260	213	398	102	177	...	...	211 " "
Oct...	....	1258	49	1469	27	27	27	9	8	72	1537	1062	971	1639	598	642	355	362	708	308	131	...	...	Confiscated the following articles damaged by fire : 10 doz canned goods, 12 packages corn starch, 151 lbs. tea 5 lbs. coffee, 10 lbs. biscuits.
Nov..	100	998	35	1204	22	22	22	7	7	48	983	704	705	596	526	489	393	284	501	252	143	117	...	
Dec..	100	1108	49	1318	24	24	24	7	7	48	1053	791	739	533	600	526	430	301	512	228	128	161	...	
Total.	600	14166	572	13859	280	280	280	97	97	551	14106	12872	11802	7549	8156	7310	4677	4015	8039	1372	3337	490	1411	

Inspection of meat in the Eastern Division of the City, by Inspector J. N. Nault, during the year 1908.

1908 MONTHS	Visits to private butcher stalls	Visits to Great Northern R. R. Station	Visits to Eastern abatatoirs	On duty at Eastern abattoir	Lbs. of beef confisc't'd.	Veal	Mutton	Pork	Ham	Fowl	Sausage	Livers	Tripe	Fish	Kidney	Beeves	Salt beef	Blood	Remarks
				jours															
January	680	7	7	4	285	235	130	30	...	130	100	225	15	20	..	..	...	45	8 days absent through sickness.
February	645	6	8	14	790	320	140	30	...	50	185	290	...	260	..	..	...	45	
March	190	5	15	16	360	395	60	70	...	40	90	415	...	290	10	..	70	20	
April	230	7	10	20	95	1760	35	40	...	...	15	60	40	190	10	..	...	...	
May	500	10	15	18	60	100	40	25	...	...	....	....	..	40	..	..	...	...	
June	635	7	12	13	200	65	10	70	...	...	70	115	15	100	..	..	...	45	
July	820	12	8	6	445	115	75	150	...	...	120	375	...	65	..	..	...	100	
August	520	8	10	15	130	65	45	45	20	8	85	50	20	90	10	15	...	45	
September	505	6	15	2	145	65	15	80	15	23	100	275	...	30	..	..	75	15	
October	627	8	4	1	180	110	85	60	50	20	55	330	25	120	..	5	...	20	
November	930	10	....	....	125	95	30	95	20	15	120	190	...	70	15	..	15	70	
December	807	20	....	....	329	160	130	40	...	124	195	110	10	145	..	..	15	120	
Total	7089	106	104	109	3144	3485	795	735	105	410	1135	2435	125	1420	45	20	175	525	

Inspection of meat at the St. Henry Abattoirs, by Inspector O. Legault, during the last nine months of 1908.

1908 MONTHS	ANIMALS INSPECTED				REMARKS	CONFISCATIONS					
	Beeves	Calves	Sheep	Hogs		Beeves	Calves	Sheep	Hogs	Livers	Bruised meat
April	586	2018	544	.....		....	....	.....	1	.....	.....
May	618	3799	668	.....		.....	5	.....	.....	.....	....
June	523	3191	595	.....		....	70	.....	.....	.....	.....
July	128	48	40	....		.....	15	.....	....	.....	.....
August	234	519	805	.....	On vacation from the 15th August to 1st Sep-	2	8	4	.....		.....
September	301	2115	2115	250		2	.....	21	.....	2	.....
October	688	2018	2018	250		1	20	17	.....	.....	1110
November	456	278	3974	205		.....	21	18	.....	.....	1830
December	372	1229	500	74		.....	18	17	.....	6	1153
Total	3906	15213	11259	779		5	157	77	1	8	4093

Inspection of meat in the Western Division of the City, by Inspector O. Legault, during the year 1908.

1908 MONTHS	Visits to private butcher stalls	Salting-houses visited	Visits to St. Henry abattoirs	Lbs. of beef confisc'd.	Veal	Mutton	Pork	Fowl	Venison	Pudding	Sausage	Ham	Tripe	Salt beef	Beef tongue	Bruised meat	Number of day on duty at the abattoirs	Remarks
January	958	34	80	2430	285	815	....	361	223	90	125	70	25	50	...	492	....	Conficsated 6160 lbs. of beef at the Canada Cold Storage Co.
February	984	24	83	1205	318	395	140	255	435	220	155	205	35	125	...	...	....	
March	814	34	103	1270	1135	165	95	....	...	65	225	275	45	...	..	...	....	
April	710	40	141	1285	5463	....	130	90	...	55	176	50	...	...	...	...	....	On duty at the Moutreal Stock Yards from the 1st to the 15th July.
May	775	46	125	1588	1955	80	305	175	..	80	101	118	125	...	...	...	....	
June	485	56	948	628	171	165	....	....	...	143	225	80	75	...	...	...	....	
July	253	15	....	450	630	46	....	....	...	35	25	99	...	...	...	...	....	
August	358	17	....	275	220	145	65	55	...	15	25	111	...	...	..	...	4	
September	712	47	....	2030	495	280	165	25	...	85	135	370	...	...	...	...	12	
October	657	41	....	1060	425	375	70	114	...	150	375	....	120	36	140	390	6	
November	672	38	...	1193	155	366	....	95	95	145	245	165	110	40	...	...	13	
December	655	36	....	410	395	75	70	205	...	35	57	118	60	...	...	...	12	
Total	8033	428	1480	13824	10647	2907	1040	1375	753	1118	1869	1661	595	251	140	882	47	

Inspection of meat at the Abattoirs of the Montreal Stock Yards, by Inspector B. McShane, during the year 1908.

1908 MONTHS	ANIMALS INSPECTED				REMARKS	CONFISCATIONS					
	Beeves	Calves	Sheep	Hogs		Beeves	Calves	Sheep	Hogs	Livers	Bruised meat
											lbs.
January	4276	1242	9290	242		25	13	6	2	139	465
February	3260	668	9895	371		29½	20	3	.....	111	630
March	2501	478	7736	467		17	251	3	.....	125	385
April	2745	280	8308	789		21	134	2	....	183	640
May	2334	279	7981	1204		18	41	1	.....	127	390
June	2546	665	7417	997		25	66	1	.....	141	1092
July	3986	2642	5731	1031		18	26	4	.....	183	1511
August	4704	2474	5134	877		12½	16	1	.....	158	762
September	6344	4826	7741	1460		48½	11	7	3	260	1211
October	5108	3654	5903	1226		46	6	4	11	268	1359
November	1239	147	722	1418		9	7	7	4	48	800
December	3920	423	3722	8308		24	7	9	17	176	1056
Total	42963	17778	79580	18390		293½	598	48	37	1919	10298

Inspection of meat at the Eastern Abattoir, by Inspector Alp. Bayard, during the year 1908.

1908 MONTHS	ANIMALS SLAUGHTERED				REMARKS	CONFISCATIONS					
	Beeves	Calves	Sheep	Hogs		Beeves	Calves	Sheep	Hogs	Livers	Bruised meat
											lbs.
January	2307	605	1536	3534		20	2	.....	2	31	792
February	2811	1769	741	2946		16	40	.....	1	44	1231
March	1852	2300	220	1911		9	425	.....	1	1	430
April	2064	4496	395	2178		10	920	.....	2	31	850
May	2915	7787	1624	3477		15	329	3	2	41	977
June	1945	3804	2351	3065		13	37	3	.....	29	895
July	2157	2226	2726	3888		5	17	.....	.....	3	.....
August	3007	1992	6162	5629		12	5	.....	.....	116	1401
September	2827	1692	6772	5334		11	10	1	1	133	2527
October	4798	2035	7708	7484		45	4	5	1	41	2561
November	4498	1691	9760	6475		31	5	6	.....	90	2197
December	3965	857	5566	5084		24	5	3	.....	138	4505
Total	35146	31254	45561	51006		211	1799	21	10	698	18366

Inspection of bread and bakeries, by Inspector L. F. Robert, during the year 1908.

1908 MONTH	Confectionaries insp't'd.	Bakeries inspected	Special inspections	Bakeries repaired	Bakeries disinfected	Days in Court	Bakers notified not to smoke in bakeries	Bakers notified to distribute bread in baskets	Special reports	Notifications	Analyses	Construction permits issued	Convictions	Lbs. of goods confiscat.	Actions taken in the Recorder's Court	Bread wagons inspected	Groceries inspected	Remarks
January	42	35	7	2	3	2	2	1	6	1	3	1	2	334	2	281	86	A license revoked by Judge Weir.
February	42	29	7	3	1	1	1	1	2	1	1	....	1	1100	1	117	128	
March	76	49	21	2	...	..	4	2	1	4	3	....	..	224	....	263	255	
April	84	56	21	4	....	..	2	....	7	2	1	....	..	48	....	238	230	
May	79	70	11	6	....	..	2	.....	2	2	1	....	..	52	....	248	273	
June	66	53	15	3	....	..	1	.....	..	..	..	....	..	80½	....	238	166	
July	48	49	12	2	....	..	.....	....	..	..	..	....	..	1571	....	181	111	
August	65	35	18	1	....	..	.....	.....	..	..	..	....	..	30	....	114	128	
September	42	36	15	..	....	..	.....	.....	..	..	..	....	..	1126	....	222	124	
October	22	57	8	..	....	..	.....	.....	..	..	..	....	..	.....	....	219	170	
November	545	25	...	1	1	..	1	1	2	..	..	1	..	2252	....	140	188	4 days absent through sickness.
December	46	67	77	1	....	..	....	1	..	..	3	....	..	.....	....	191	216	
Total	860	561	212	25	5	3	13	6	20	10	12	2	3	6817½	3	2452	2075	

Inspection of fruit, vegetables and fish, by Inspector T. E. Grenier, during the year 1908.

1909 MONTH	Inspections of markets	Inspection of fruit and vegetables	Inspection of fish	Inspections of canned-goods factories	Inspections at the Montreal Fruit Auction	Special inspections of fruit and vegetables	Inspections at the Canadian Express Co., St. James street	Number of actions taken in Recorder's Court	Lbs. of fruit confisc'd.	Lbs. of vegetables confiscated	Lbs. of fish confiscated	Inspection of ice at Verdun	La Tortue	Above Victoria Bridge	Lachine Canal	Longueuil	Sault aux Recollets	Boucherville	Ice houses inspected	Inspections on the wharves	Ice confiscated, Lbs.	Remarks
January ...	14	409	14	3	2	..	.....	....	475	150	38	18	6	2	8	1	6	..	..	....	40,000	Inspected ice during month of February.
February ..	....	....	1	...	....	....	.....	....	.....	.....	150	24	24	15	5	4	3	3	..	...	245 000	
March	23	591	38	1	14	3	.....	....	1705	830	748	18	..	12	10	..	..	..	2	....	75,000	
April	34	1745	134	11	6	....	.....	....	6692	2637	4264	....	..	....	..	..	..	..	..	10	.....	Colleeted 16 samples of liquors.
May	95	2075	286	4	10	2	.....	....	6726	4737	4155	....	..	....	..	..	..	..	..	....	.....	
June	55	601	141	9	24	....	11	....	7521	2745	1610	....	..	....	..	..	..	..	..	....	.....	
July	42	675	113	6	19	....	24	....	13500	11325	365	....	..	....	..	..	..	..	..	....	.....	
August	64	860	148	8	15	....	12	....	12035	1893	1036	....	..	....	..	..	..	..	..	...	.....	
September .	28	336	45	4	6	1	.....	....	2426	810	681	....	..	....	..	..	..	..	..	....	.....	
October ...	23	860	121	6	8	....	11	3	3520	1100	1970	....	..	....	..	..	..	..	..	....	.....	
November .	6	223	45	15	3	....	.....	1	15500	3115	1469	....	..	....	..	..	..	..	..	....	.....	
December ..	22	415	51	7	1	2	.....	....	1900	560	192	3	..	....	..	..	1	..	..	....	.....	
Total ...	406	8790	1137	74	108	8	58	4	72000	30002	16678	63	30	29	23	5	10	3	2	10	360,000	

General inspections by Assistant Inspector of food, J. A. Catelier, during the year 1908.

1908 MONTHS	Total number of inspections	Inspect. made through complaints	Groceries inspected	Inspect. made of fruit and candy shops	Inspections of bakeries and confectionaries	Inspections of abattoirs and rendering-houses	Inspections of ice on the wharves	Inspections of salting-houses and canned-goods factories	Verbal notifications	Lbs. of fruit and candies confiscated	Remarks
January	127	....	59	.....	.....	64	....	4	....	....	
February	643	....	211	225	15	192	....	.....	26	350	
March	766	10	303	335	19	86	2	11	26	425	
April	543	....	214	264	10	38	5	12	6	525	
May	473	....	174	248	2	33	....	16	24	200	
June	702	1	238	415	.....	32	....	16	47	75	
July	336	....	103	207	2	16	....	8	15	150	
August	670	....	136	430	7	40	....	20	38	380	
September	862	....	335	436	39	32	...	20	48	271	
October	1023	....	249	668	58	32	....	16	65	217	
November	1128	....	154	370	5	24	....	10	7	....	
December	934	....	179	243	5	24	....	12	36	....	
Total	8207	11	2355	3841	162	613	7	145	338	2593	

DEPARTMENT OF CONTAGIOUS DISEASES AND SCHOOL INSPECTION.

DEPARTMENT OF CONTAGIOUS DISEASES AND INSPECTION OF SCHOOLS.

STAFF.

Doctor J. E. LABERGE, Bacteriologist, Chief of the Department of Contagious Diseases and School Inspection.

District Physicians.

Dr. H. W. COYLE, Medical Examiner.

Dr J. B. E. LAVIGNE, Dr Chs. GUILBAULT.

Medical Inspectors of Schools.

ARCHAMBAULT, J. O. A.; ASSELIN, E.G.; BOURDON, A.; BOURGOUIN, J. C.; BONNIER, B.; BROWNE, J. G.; BROWN, S. Q.; CARTIER, G. E.; CONROY, B.; COUSINEAU, J.A.; DESMARAIS, H.; DONNELLY, W.H.; FAFARD, C.; GAGNE, J E.; GELLATLY, Q.; GRENIER, E. P.; HALDIMAND, A. W.; HANDFIELD, A.; HANSFORD, M.; LACOMB, L. A.; LAPOINTE, J. O.; LAURIE, E.; LEDUC, J. A.; LEFEBRE, Z.; LEMIEUX, L. J.; LEVASSEUR, I.; MALOUF, A. K.; MASON, J. L. D.; MONETTE, W.; MULLALY, E. Q.; MUSSEN, A. T.; McDONALD, H.; McEVOY, P. T.; McGOVERN, J. J.; OPZOOMER, W.; OUIMET, L.; PHILLIMORE, R. H.; PRENDERGAST, A. R.; RANGER, J. A.; RICHER, O. H.; ROUSSEAU, J. A.; SCANLAN, H.; VERNER, L.; VILLECOURT, R.; WILSON, T. R.

Clerks.

L. A. LAFOND, J. C. LEVESQUE, O. BLONDIN.

Contagious Diseases.

J. A. COTE, Inspector of houses infected by contagious diseases.

J. J. VANDANDAIGNE, Disinfector.

O. SEGUIN, Assistant disinfector.

M. MIREAULT, Inspector of tuberculosis.

Doctor Louis Laberge,
Medical Officer of Health.

Sir;

I have the honor of submitting to you my report on the medical inspection of schools for the year 1908.

Total number of schools	172
Schools presenting a wretched appearance externally.	6
Schools with defective ventilation	102
Schools where the tables and chairs are not adapted to the height of the scholars	15
Schools were the scholars' clothes are hung in the passages or in the class rooms	74
Schools where dry sweeping is done	35
Schools where the floors are of soft wood	74
Schools where the light is defective	31
Schools where the w. c.s are defective	10

Reports of Medical Inspectors.

Adenitis	120
Adenoids	534
Conjunctivitis	436
Chorea	12
Caries of the teeth	12671
Defects of hearing	181
Defects of vision	1281
Difformity of the chest	32
Difformity of the limbs	103
Difformity of the spinal column	83
Diseases of the heart	23
Diseases of the respiratory system	38
Diseases of the skin	678
Children sent away from school on account of infection in their homes	31

Hypertrophy of the tonsils	2518
Headache	179
Ill-nourished	918
Impetigo	37
Vermin	2653
Ring-worm	51
Itch	90
Uncleanness	181
Vaccination	4017

Summary of the work done by the two nurses attached to the medical inspection of school department

Number of domiciliary visits	2694
Cases of itch treated	500
Impetigo	120
Eczema	32
Pediculosis	2000
Diseases of the eyes	32
Diseases of the skin	10

Respectfully submitted,

J. E. LABERGE, M. D.
Chief of the Contagious Diseases Department.

Doctor J. E. Laberge,

Sir;

I have the honor of submitting to you a report of the number of analyses made during the year 1908.

Milk	150
Sputa	335
Urine	170
Diphtheria, blood, pus, etc.	150
Dosages	73
Sowings	112
Cultures	35
	1025

Yours respecfully,

H. ST. GEORGES, M. D.

Alaxandra Hospital.

The following report shows the number of admissions, discharges and deaths during the year 1908.

Patients in hospital on January 1st. 1908	74
Admitted during the year	539
Discharged	494
Deaths	54
Deaths within 24 hours after admission	16
Deaths within 48 hours after admission	11
Percentage of deaths	8.8
Percentage of deaths after eliminating those who died within 48 hours after admission	4.4
Maximum number of patients in hospital in one day	80
Minimum number of patients in hospital in one day	32

John A. C. TULL, M. D.,
Medical Superintendant.

The St. Paul's Hospital.

The following is the census at the St. Paul's Hospital of admissions, discharges, deaths and number of patients beginning January 1st 1908 and ending December 31st 1908.

DISEASES	In hospital 1st Jan. 1908 6 a.m.	Admitted	Discharged	Dead	In hospital 1st Jan. 1908 6 a.m.
Diphtheria	11	123	110	22	2
Diphtheria and Scarlatina	.....	8	6	2	.....
Scarlatina	8	188	157	25	14
Scarlatina and measles	.....	.....	.....	.....	.....
Measles	7	104	99	6	6
Measles and whooping cough	.....	.....	.....	.....	.....
Measles and diphtheria	.....	4	3	1	.....
Erysipelas	1	34	32	2	1
Scarlatina and Varicella	.....	1	0	0	1
Doubtful	.....	14	14	.....	.....
Not sick	.....	.....	.....	.....	.....
Total	27	476	421	58	24

P. DEL VECCHIO, M.D.
Physician in Chief.

Report of the Medical Examiner for the year 1908.

The undermentioned visits were paid for the purpose of diagnosing suspected cases of contagious diseases and for ascertaining if such cases were kept under observation.

MONTHS	Visits in connection with contagious diseases	Primary vaccinations	Revaccinations	Diagnosis of Small-pox	Houses quarantined	Quarantine raised	Certificates of admission to schools and factories
January	87	12	.....	.....	.....	.....	147
February	83	5	.....	1	1	1	121
March	102	9	3	.....	.....	.....	120
April	87	8	.....	.....	.....	.....	110
May	86	82	1	.....	.....	.....	200
June	76	15	.....	.....	.....	.....	83
July	70	1	.....	.....	.....	.....	60
August	71	10	.....	.....	.....	.....	66
September	103	20	1	.....	.....	.....	122
October	90	27	.....	.....	.....	.....	200
November	123	42	1	.....	.....	.....	160
December	122	17	9	1	1	.....	103
Total	1100	248	15	2	2	1	1492

Two cases of small-pox were discovered during the year, neither one having been contracted in this City. The first (a young woman) caught the disease in Morrisburg, Ont.; the second took it while working on the Grand Trunk Pacific R. R. in the County of Matawaska, N. B. Neither of these patients had been vaccinated.

H. W. COYLE, M.D.
Medical Examiner.

Report of vaccination for the year 1908.

MONTHS	Vaccinations	Revaccinations	Vaccinations verified	Certificates	Pupils examined	Employees examined	Visits
January	8	.....	6	294	3723	.....	48
February	80	1	55	114	3060	.....	52
March	94	.....	48	92	3872	.....	66
April	338	6	176	190	1005	.....	49
May	649	1	184	126	2749	.....	70
June	109	.....	70	171	133	682	36
July	.....	.....	1	1	.....	829	31
August	146	.....	35	122	.....	1393	61
September	258	3	84	688	558	.....	15
October	306	1	143	195	3090	.....	54
November	53	.....	9	118	2393	.....	125
December	12	.....	19	78	2076	3072	116
Total	2053	12	830	2189	22659	5976	723

E. LAVIGNE, M.D.

Report of vaccination for the year 1908.

MONTHS	Vaccinations	Certificates
January	75	80
February	90	75
March	150	125
April	225	120
May	200	75
June	145	40
July	25	57
August	90	25
September	350	1100
October	225	150
November	250	45
December	125	35
Total	1950	1927

Chs. GUILBAULT, M.D.

Resume of vaccination during the year 1908, by wards and months.

1908 MONTHS	St. Henry	St. Cunegonde	St. Gabriel	St. Andrew	St. George	St. Joseph	St. Ann	St. Lawrence	St. Jean Baptiste	St. Louis	West	Center	East	St. Denis	Duvernay	Lafontaine	St. James	Papineau	St. Mary	Hochelaga	Mount Royal	Strangers	Total
January	....	....	....	....	1	....	....	3	1	5	....	....	....	11	1	2	4	3	2	2	....	....	35
February	49	....	2	....	....	2	18	9	2	13	....	....	....	17	12	19	6	2	2	5	....	....	158
March	35	4	5	....	7	5	5	10	35	20	1	....	1	5	2	7	55	12	98	3	....	..	310
April	25	118	22	5	1	48	5	11	141	18	....	4	17	11	6	8	15	12	104	81	...	...	1652
May	99	102	9	8	32	56	5	191	56	357	9	2	10	25	7	26	23	13	3	55	....	....	137
June	3	7	1	2	1	3	15	44	8	55	..	....	....	5	1	1	4	2	16	6	....	....	174
July	....	....	....	....	....	....	..	1	....	7	....	....	...	....	....	....	..	....	....	....	...	....	8
August	....	4	14	....	2	8	9	19	11	27	....	1	....	22	21	19	17	20	15	10	13	....	232
September	5	9	23	1	15	25	60	81	26	141	4	....	7	42	1	18	11	30	12	15	5	....	531
October	7	2	191	6	19	6	25	30	2	65	1	1	6	3	1	22	152	13	7	4	20	....	583
November	4	3	20	....	2	15	32	7	4	38	....	..	2	165	20	43	16	4	110	54	3	....	542
December	10	133	13	66	3	52	19	5	55	55	1	...	5	215	32	28	39	81	16	1	....	2	843
Total	237	382	300	88	83	220	242	411	341	801	16	8	48	521	104	193	342	192	385	248	41	2	5205
Revaccination	1	....	....	....	....	....	1	2	1	1	....	....	....	2	....	....	3	....	6	1	....	....	18
Grand Total	238	382	300	88	83	220	243	413	342	802	16	8	48	523	104	193	345	192	391	249	41	2	5223

Resume of vaccination by ages and months, during the year 1908.

1908 MONTHS	Under 6 months	6 months to 1 year	1 year to 5 years	5 years to 10 years	10 years to 20 years	20 years to 30 years	30 years to 40 years	40 years to 50 years	Total
January	.....	.....	.....	23	10	2	....	.....	35
February	.....	....	6	102	49	1	.....	.....	158
March	2	5	13	232	57	1	.....	.....	310
April	1	4	14	527	105	1	.....	.....	652
May	137	348	283	324	40	4	1	....	1137
June	26	43	53	46	5	1	.....	.....	174
July	1	2	4	1	.....	.....	.....	.....	8
August	11	13	38	164	6	.....	.....	.....	232
September	72	80	131	232	16	....	.....	.....	531
October	7	12	59	424	81	.....	.....	.....	583
November	4	3	14	387	131	3	....	.....	542
December	1	.....	15	636	184	6	.....	1	843
Total	262	510	630	3098	684	19	1	1	5205
Revaccination	.....	.....	.....	13	4	1	.....	.....	18
Grand Total	262	510	630	3111	688	20	1	1	5223

Report of cases of Contagious diseases, by wards, during 1908.

1908 MONTHS	St. Henry	St. Cunegonde	St. Gabriel	St. Andrew	St. George	St. Joseph	St. Ann	St. Lawrence	St. Jean Baptiste	St. Louis	West	Center	East	St. Denis	Duvernay	Lafontaine	St. James	Papineau	St. Mary	Hochelaga	Mount Royal	Strangers
Diphtheria	22	6	42	21	22	12	30	53	41	77	....	....	2	71	14	42	22	45	36	20	3	581
Scarlatina.....	27	4	66	73	59	47	61	75	41	121	....	1	2	27	17	31	10	51	35	35	12	795
Typhoid.....	62	30	46	36	27	58	52	68	38	79	....	....	5	67	19	39	24	47	47	39	1	784
Measles.....	23	27	23	28	30	44	17	188	101	233	4	5	16	153	22	72	65	132	43	32	...	1258
Roseola.....	....	....	....	....	....	....	....	...	2	....	....	....	...	....	....	....	....	1	....	....	....	3
Varicella.....	2	....	9	10	7	7	10	26	24	18	1	...	2	7	2	7	...	1	2	2	....	137
Whoop. cough.	4	6	17	27	22	18	34	38	25	35	....	....	1	28	37	32	16	22	6	9	1	378
Tuberculosis ..	41	30	43	35	33	48	58	67	67	95	1	4	10	76	35	68	75	119	59	34	2	1000
Erysipelas	5	....	....	5	2	12	1	15	2	21	....	....	1	4	2	2	2	5	1	1	...	81
Mumps.....	1	1	6	9	10	3	15	34	19	20	....	....	....	7	....	7	5	10	3	2	1	154
Cerebro-spinal Meningitis ..	1	1	....	....	3	1	4	1	2	1	....	....	....	4	1	....	....	....	1	1	....	21
Small-pox.....	....	....	1	....	...	....	....	....	....	....	....	....	....	....	1	....	....	....	....	...	...	2
Total ..	188	105	253	244	215	250	282	565	362	701	6	10	39	444	150	300	219	433	233	175	20	5194

Cases of Contagious diseases reported by Months, during 1908.

1908 MONTHS	Diphtheria	Scarlatina	Typhoid	Measles	Roseola	Varicella	Whooping cough	Tuberculosis	Erysipelas	Mumps	Cerebro Spinal Meningitis	Small-pox	Total
January	53	85	49	82	.....	16	78	82	10	21	3	.....	479
February	51	52	20	61	.....	6	74	83	10	12	.....	1	370
March	43	74	22	73	.....	11	64	104	9	27	4	.....	431
April	48	72	22	63	.....	2	44	88	14	46	3	.....	402
May	21	111	25	64	.....	7	37	106	11	23	2	.....	407
June	39	63	11	29	.....	8	23	64	2	9	4	.....	252
July	42	46	27	22	.....	3	14	73	3	.....	.....	.....	230
August	33	36	35	21	.....	4	15	66	1	.....	1	.....	212
September	55	42	160	32	.....	9	6	78	5	.....	1	.....	388
October	66	64	154	105	1	10	5	81	3	.....	2	.....	491
November	72	63	86	225	1	21	20	94	3	2	.....	.....	587
December	58	87	173	481	1	40	8	81	10	14	1	1	955
Total	581	795	784	1258	3	137	378	1000	81	154	21	2	5194

Cases of Contagious diseases reported, according to ages.

	Under 6 months	6 months to 1 year	1 year to 5 years	5 years to 10 years	10 years to 20 years	20 years to 30 years	30 years to 40 years	40 years to 50 years	50 years to 60 years	60 years to 70 years	70 years to 80 years	80 years to 90 years	90 years to 100 years	Total
Diphtheria	3	18	267	180	58	31	18	6	....	....	....	....	....	581
Scarlatina	2	9	265	339	128	38	14	....	...	....	....	....	....	795
Typhoid	....	....	19	75	250	253	124	43	15	5	....	....	....	784
Measles	9	50	456	587	130	19	3	4	....	....	....	....	....	1258
Roseola	....	....	2	1	....	....	...	....	....	...	....	....	....	3
Varicella	1	6	42	65	20	2	....	1	....	....	....	....	....	137
Whooping cough	31	39	164	129	12	3	....	...	...	....	....	....	....	378
Tuberculosis	26	21	70	33	104	288	214	127	68	37	10	2	....	1000
Erysipelas	4	1	3	...	13	17	15	16	5	5	1	1	....	81
Mumps	1	1	12	80	53	5	2	....	....	....	....	....	....	154
Cerebro-spinal meningitis	3	2	9	4	3	....	....	....	...	....	....	....	....	21
Small-pox	....	....	....	....	....	1	1	....	....	....	....	....	....	2
Total	80	147	1309	1493	771	657	391	197	88	47	11	3	....	5194

Cases of Contagious diseases reported, according to nationalities.

	French-Canadians	English	Scotch	Irish	Jews	French	Italians	Americans	Germans	Poles	Norwegians	Swedes	Belgians	Syrians	Dutch	Roumanians	Alsacians	Chinese	Austrians	Indians	Swiss	Greeks	Danes	Spaniards	Negroes	Hungarians	Total
Diphtheria	270	130	11	51	86	9	12	2	3	3	..	1	3	..	..	..	..	..	..	..	..	..	..	..	..	..	581
Measles	221	261	35	62	166	4	8	8	7	7	1	..	1	8	1	..	..	..	1	1	..	..	..	..	2	..	795
Scarlatina	371	214	30	68	39	7	26	5	1	7	2	..	3	..	..	5	2	..	1	..	1	2	..	..	..	..	784
Typhoid	488	289	37	66	312	2	27	2	9	2	..	..	1	15	..	..	..	..	..	..	..	..	6	2	..	..	1258
Roseola	..	1	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
Varicella	24	54	9	9	36	..	1	1	..	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	137
Whooping cough	188	108	10	27	32	2	5	..	3	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	378
Tuberculosis	631	128	30	122	35	6	12	5	7	5	..	..	4	4	..	1	.	5	3	..	..	..	..	..	..	2	1000
Erysipelas	28	24	2	4	14	1	6	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	81
Mumps	25	69	8	19	27	..	..	..	1	4	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	154
Cerebro-spinal meningitis	6	6	4	3	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	21
Small-pox	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
Total	2253	1285	176	431	747	32	99	23	32	31	3	2	12	31	1	6	2	5	5	1	2	3	6	2	2	2	5194

Disinfections, 1908.

MONTHS	Number of houses placarded	Number of houses disinfected	Number of rooms disinfected	Quantity of formaline used	Number of cubic feet disinfected	Other visits
January	19	165	510	3,438	903 000	368
February	39	136	348	2,554	504,900	295
March	43	133	417	2,975	680,700	397
April	42	103	436	2,358	519,600	287
May	40	126	468	2,521	525,500	257
June	48	101	405	2,308	436,000	259
July	29	74	295	1,850	306,000	183
August	23	70	284	1,461	284,500	150
September	36	123	538	2,936	531,000	400
October	53	189	699	4,065	761,000	552
November	53	230	668	4,685	701,000	581
December	65	270	736	4,908	790,800	723
Total	490	1819	5804	36,059	6,944,000	4452

O. SEGUIN,
J. J. VANDANDAIGNE.

Visits to houses infected with Contagious diseases, during 1908.

1908 MONTHS	Houses	Dwellings	Second visits	Cellars	Basements	Yards	Latrines	Sinks	Waste pipes	Drains	Water closets	Examinations: no defect apparent	Houses vacant or not permitting of examination	Houses overcrowded	Special visits	At offices	Vacation
January	66	89	24	62	4	66	....	155	155	66	100	26	1	2	7	12	..
February	111	137	15	107	4	111	....	345	345	66	137	66	9	....	2	1	..
March	254	437	17	225	29	254	2	868	868	254	435	164	4	1	5	2	..
April	283	387	23	263	20	283	2	996	996	283	421	213	7	1	6	....	..
May	253	314	57	240	13	253	2	642	642	283	3 3	140	10	2	25	2	..
June	232	370	33	230	2	232	...	837	837	232	370	195	10	....	34	3	..
July	259	341	15	259	....	259	6	968	968	259	338	197	7	3	28	...	..
August	82	113	19	77	5	82	2	311	311	82	111	43	4	...	9	3	15
September	109	146	14	107	2	109	...	357	357	109	150	69	1	1	8	14	..
October	268	361	30	260	8	268	4	798	798	268	348	173	5	....	21	1	..
November	176	249	44	176	....	176	3	666	666	176	255	89	3	....	23	4½	..
December	240	341	40	221	19	240	....	985	985	240	347	154	2	....	41	1	..
Total	2332	3295	331	2227	106	2333	21	7928	7928	2318	3305	1529	63	10	209	43½	15

J A. COTÉ.

Defects found and repaired in houses infected with Contagious diseases, during the year 1908.

MONTHS	Defective drains	Drains defective or connected with soil pipe	Defective drains connected with the waste pipe	Soil pipes not passing through the roof	Defective waste pipes	Defective syphons under sink	Connection of soil pipe with water closets, loose or open	Connection of bowl with the syphon of the water closet open or leaking	Syphon of water closet open or unventilated	Flush supply of water closets insufficient	Water closets dirty	Houses dirty or damp	Cellars dirty, damp or containing stagnant water	Privy pits full or connected with street sewer	Water pipe perforated or leaking	Defective roofs	Dirty yards and manure heaps	Smelling of gas	Total
Jan.....	1	3	.....	2	3	2	2	4	5	3	2	1	.....	.....	2	....	....	1	31
Feb.....	..	1	.....	.....	2	2	.....	2	1	.....	2	....	.....	.....	2	....	....	..	12
March...	11	7	3	1	5	8	13	3	13	6	11	7	3	2	5	2	...	1	101
April	5	5	1	5	5	8	6	1	8	5	11	4	4	.....	5	....	...	..	72
May	7	2	2	1	1	3	6	.....	2	4	2	1	6	.....	3	....	2	2	44
June.....	7	7	2	4	5	6	5	2	3	10	8	3	1	.....	1	....	4	1	69
July.....	7	4	1	1	4	5	4	3	2	2	3	2	3	.....	4	....	2	..	47
Aug.	1	3	.....	.....	....	2	5	.....	1	... ..	8	10	.....	.....	1	....	....	..	31
Sept.	2	4	1	..	3	2	5	2	3	1	3	8	3	.....	2	....	2	..	41
Oct.....	8	8	4	7	8	6	4	3	3	8	6	7	1	.....	2	1	3	1	80
Nov.	2	4	3	2	5	3	5	1	2	4	2	2	.....	1	....	....	....	..	36
Dec.....	12	6	4	1	4	4	10	3	.....	6	... ..	3	2	.....	3	....	3	..	61
Total ..	63	54	21	24	45	51	66	24	43	47	58	48	23	3	30	3	16	6	625

J. A. COTÉ.

VITAL STATISTICS.

VITAL STATISTICS.

STAFF.

Doctor LOUIS LABERGE, Medical Officer of Health.
J. I. FLYNN, Secretary.
Dr. M. O. B. WARD, Statistician.

Registration of Births and Deaths.

L. P. LAMARRE, THOS. KANE.

Clerk.

LEO DELONGCHAMP.

Dr. Louis Laberge,
Medical Officer of Health.

Sir;

In submitting my report to you for the year 1908, I wish to draw your attention once more to the necessity of having a census of our city made every five years in order to arrive at correct estimate of our death-rate, as I am inclined to think our population is greater than what I have estimated it at, namely 380,000.

Our births have considerably increased this year. Hitherto, it has been customary to count as "French-Canadians" all children baptised in churches frequented by French speaking catholics and to count as "Other Catholics" children baptised in churches frequented by those speaking other languages. This year I have placed under the latter head all children of other nationalities, such as Italians, Poles, Syrians etc., although they may have been baptised in French-Canadian churches. I have done the same for the marriages.

The marriage-rate decreased considerably in 1908, a decrease due, in a measure perhaps, to the financial crisis we have passed through, to the increase in rentals and cost of living generally.

I wish to draw your attention, also, to the increase of deaths from diarrhoeal diseases (diarrhoea in all its forms and at all ages). These diseases are very prevalent amongst illegitimate children of whom 259 out of a total of 670 (38.65%) died therefrom.

The deaths of children under 5 years of age was very great, reaching 4,810 or 55.14 per cent of the total mortality. Of this number, 670 or 13.92 per cent (7.69% of the total mortality) was amongst illegitimate children.

Respectfully submitted,

M. O'B. WARD, M. D.
Statistician Board of Health.

Catholic Churches.

French Canadian	M.	F.	Total	Marriages
Cathedral	24	36	60	35
Notre Dame	132	120	252	131
St. James	316	299	615	227
St. Joseph	184	178	362	73
Sacred Heart	526	511	1037	156
St. Bridget	246	290	536	107
St. Charles	263	210	473	67
St. Vincent de Paul	304	268	572	118
St. Jean Baptiste	343	354	697	167
St. Louis de France	158	140	298	84
The Nativity, Hochelaga	299	342	641	97
St. Gregoire le Thaumaturge	476	440	916	104
St. Eusebe	186	161	347	34
St. Denis	189	146	335	50
St. Edouard	214	219	433	53
St. Peter	158	148	306	91
St. Helen, Montreal	72	81	153	37
St. Cunegonde	258	242	500	106
St. Henry	248	217	465	85
St. Irenee	25	90	115	33
St. Elizabeth de Portugal	234	217	451	72
Notre Dame du Rosaire	47	48	95	14
St. Philomene, Rosemount	24	25	49	4
Notre Dame des Neiges (From June 1st)	35	35	70	5
St. Georges, Montreal	11	12	23	4
St. Jean Berchmans	11	5	16	4
St. Arsene	20	3	43	11
Good Shepherd	.....	1	1	.....
Grey Nuns	212	223	435	.....
Maternity	193	210	403	.....
Total	5408	5291	10699	1969

Catholic Churches.

Other Catholic Churches	M.	F.	Total	Marriages
St. Patrick	98	102	200	88
St. Ann	92	73	165	53
St. Mary of Good Counsel	60	54	114	19
St. Anthony	127	97	224	64
St. Gabriel	97	75	172	29
St. Michael	58	47	105	7
St. Agnes	48	51	99	14
St. Aloysius	22	18	40	9
St. Thomas Aquinas	25	8	33	7
Total	627	525	1152	300

Protestant Churches.

Anglican	M.	F.	Total	Marriages
Christ Church	21	20	41	25
Trinity Church	12	25	37	11
St. James the Apostle	22	16	38	29
St. Martin	35	29	64	44
St. Thomas	44	42	86	25
St. Luke	16	22	38	11
St. Bartholemew	1	1	2	
All Saints	10	19	29	22
Grace	50	63	113	51
St. Jude	28	19	47	35
St. Mary, (Hochelaga)	17	27	44	14
St. George	42	35	77	68
St. Stephan	6	11	17	3
St. John the Evangelist	43	30	73	65
Eglise du Rédempteur	1	1	2	3
St. Edward	34	39	73	44
St. Simon	25	18	43	11
House of Industry and Refuge	25	26	51	
St. Augustine, Rosemont	1	5	6	
St. Alban, Boulevard St-Denis	26	20	46	12
Total	459	468	927	473

Protestant Churches.

Presbyterian	M.	F.	Total	Marriages
Scotch Presbyterian	39	33	72	14
Knox	24	17	41	46
St. Mark	7	12	19	12
St. Paul of Scotland	9	15	24	19
American Presbyterian	12	14	26	26
Erskine	10	3	13	13
Presbyterian, (Stanley)	7	4	11	12
St. Andrew	7	6	13	14
Presbyterian (Crescent street)	18	9	27	5
St. Jean (French Presbyterian)	3	1	4	9
Chalmers	9	4	13	16
St. Giles	28	19	47	19
Taylor	38	49	87	54
Victoria Presbyterian	6	13	19	5
St. Mathew	30	32	62	33
Westminster	8	6	14	5
Calvin	4	4	8	3
Eglise de la Croix	1	3	4	7
Eglise St. Jean Baptiste	2	5	7	2
Italian Presbyterian	1	2	3	
Presbyterian, (Côte des Neiges)	1	2	3	2
Inspector Street	1	4	5	7
Total	265	257	522	323

Protestant Churches.

Methodist	M.	F.	Total	Marriages
St. James	20	12	32	33
Mountain street	9	18	27	11
Sherbrooke street	12	17	29	24
Dominion Congregation	7	9	16	18
Eglise, Dorchester street	2	.....	2	2
East End	10	6	16	14
West End	11	12	23	9
Douglas	7	6	13	4
11th Hochelaga	7	8	15	4
Centenary	23	26	49	15
First French	3	2	5	9
Fairmount Avenue	.....	1	1	4
Holiness Movement	1	3	4	2
West End (French)	1	1	2	3
Desrivières	.	.....	.....	1
Ebenezer	22	26	48	11
St. Paul Methodist	7	10	17	9
Mount Royal Avenue	8	19	27	9
North End	6	6	12	
Total	156	182	338	182

Baptist	M.	F.	Total	Mariage
Baptiste Tabernacle	7	9	16	6
Olivet	4	5	9	7
First Baptiste	5	4	9	9
Eglise Baptiste, Pointe St-Charles	7	8	15	5
The Oratory	6	3	9	4
West End	....	1	1	
Total	29	30	59	31

Protestant Churches.

Congregationalist	M.	F.	Total	Marriages
Zion	4	6	10	5
Calvary	5	6	11	12
Emmanuel	2	6	8	7
Congregation, Pointe St-Charles	9	7	16	10
Amherst Park Congregational	.....	4	4	1
Union Congregational	.....	.....	.....	2
Total	20	29	49	37
Unitarian				
Christian Unitarian	3	4	7	4
Lutheran				
Church of the Redeemer	1	8	9	9
German Evangelical	16	14	30	23
Total	17	22	39	32

Other Denominations

Other Denominations	M.	F.	Total	Marriages
Greek Orthodox	15	10	25	7
Syrian Orthodox	17	32	49	17
Total	32	42	74	24
Synagogues				
Beth Israel	7	8	15	54
Spanish and Portuguese	5	2	7	2
Congregation Bnae Jacob	1	....	1	11
Temple Emmanuel	2	1	3	2
German, English and Polish	7	14	21	19
Shevra Shaas	17	.....	17	18
Other Synagogues	347	324	671	34
Total	386	349	735	140
City Hall				
Board of Health	5	.....	5	

Recapitulation.

RECAPITULATION	M.	F.	Total	Marriages
Catholic Churches —				
French Canadian	5408	5291	10699	1969
Other Catholics	627	525	1152	300
Protestant churches —				
Anglican	459	468	927	473
Methodist	156	182	338	182
Presbyterian	265	257	522	323
Baptist	29	30	59	31
Congregationalist	20	29	49	37
Unitarian	3	4	7	4
Lutheran	17	22	39	32
Orthodox Churches	32	42	74	24
Synagogues	386	349	735	140
Declarations of births at the Board of Health	5	.....	5	
Total	7407	7199	14606	3515

Births reported at the Board of Health.

	M.	F.	Total
French Canadian	3117	2878	5995
Other Catholics	614	572	1186
Protestants	851	845	1696
Jews	386	349	735
Total	4968	4644	9612

Twin Births.

French Canadian	76
Other Catholics	9
Protestants	16
Jews	10
Total	110

Triple Birth.

French Canadian	1

Births amongst various Nationalities, reported at the Board of Health.

Nationalities.

Nationalities	M.	F.	Total
Italians	127	102	229
Poles	28	29	57
Syrians	11	8	19
Greeks	5	7	12
Russians	3	7	10
Austrians	6	4	10
Hungarians	2	4	6
Roumanians	3	2	5
Swedes	2	2	4
Lithuanians	2	2	4
Spaniards	2	1	3
Danes	2	1	3
Galicians	2	0	2
Swiss	1	1	2
Portuguese	1	0	1
Chinese	0	1	1
Finlanders	1	0	1
Total	198	171	369
Illegitimates	271	242	513

Deaths in Foundling Hospital, under the care of the Grey Nuns.

1908	Place whence mother came						Total.	Nationality							Total.	Deaths by ages							Total.	Sex		Total.
	Montreal	Province of Quebec	Province of Ontario	United States	Other places	Unknown		French Canadian	English	Irish	Scotch	American	Other nationalities	Unknown		Under 15 days	Under 1 month	Under 2 months	Under 3 months	Under 6 months	Fr. 6 months to 1 year	Fr. 1 year to 4 years		Boys	Girls	
January	25	3	1	..	..	..	29	23	5	1	..	..	..	..	29	1	7	8	8	4	1	..	29	15	14	29
February	20	6	..	2	..	..	28	27	1	..	..	..	..	..	28	4	7	12	1	2	2	..	28	15	13	28
March	34	2	..	..	..	..	36	33	1	2	..	..	..	..	36	..	6	15	5	9	1	..	36	18	18	36
April	47	..	2	..	..	..	49	32	11	5	..	1	..	..	49	6	3	21	10	8	1	..	49	19	30	49
May	49	3	..	1	..	1	54	47	..	6	..	..	..	1	54	8	18	9	10	4	4	1	54	27	27	54
June	39	2	1	2	..	..	44	35	4	4	..	1	..	..	44	10	7	11	8	7	1	..	44	24	20	44
July	65	..	..	..	2	1	68	57	6	3	..	..	1	1	68	6	10	24	7	15	4	2	68	30	38	68
August	44	3	..	..	..	..	47	40	4	1	..	..	2	..	47	6	14	18	2	5	2	..	47	23	24	47
September	12	..	..	..	..	..	12	12	..	..	..	..	..	..	12	2	4	4	1	..	..	1	12	7	5	12
October	16	1	..	..	..	..	17	16	1	..	..	..	..	..	17	2	2	6	5	..	2	..	17	11	6	17
November	29	1	..	..	1	..	31	29	1	..	..	..	1	..	31	..	6	12	8	4	1	..	31	17	14	31
December	23	..	..	..	..	..	23	19	1	2	..	..	1	..	23	2	5	8	6	2	..	..	23	12	11	23
Total	403	21	4	5	3	2	438	370	34	25	..	2	5	2	438	47	89	148	71	60	19	4	438	218	220	438

Deaths at the Maternity Hospital, under the care of the Sisters of Mercy.

1908	Place whence mother came							Nationality								Deaths by ages								Sex		
	Montreal	Province of Quebec	Province of Ontario	United States	Other places	Unknown	Total.	French Canadian	English	Irish	Scotch	American	Other nationalities	Unknown	Total.	Under 15 days	Under 1 month	Under 2 months	Under 3 months	Under 6 months	Fr. 6 months to 1 year	Fr. 1 year to 4 years	Total.	Boys	Girls	Total.
January	4	7	..	11	..	..	22	15	..	5	..	1	1	..	22	..	3	5	3	11	..	..	22	9	13	22
February	7	5	..	2	..	..	14	13	1	..	..	..	..	..	14	4	1	5	3	1	..	..	14	10	4	14
March	14	5	1	7	1	..	28	25	1	2	..	..	..	..	28	4	4	11	3	6	..	..	28	15	13	28
April	12	14	1	7	1	..	35	29	2	3	1	..	..	..	35	4	8	10	8	4	1	..	35	20	15	35
May	15	8	1	9	1	..	34	26	4	3	..	..	1	..	34	5	2	12	9	5	1	..	34	20	14	34
June	7	11	1	3	..	..	22	19	1	1	..	..	1	..	22	2	1	12	5	2	..	..	22	14	8	22
July	16	28	2	18	3	1	68	55	4	5	1	..	2	1	68	9	12	22	14	9	2	..	68	35	33	68
August	9	14	3	13	..	1	40	29	5	4	..	..	1	1	40	5	8	11	7	6	3	..	40	19	21	40
September	5	3	1	6	1	..	16	11	2	3	..	..	..	..	16	4	3	4	3	1	1	..	16	13	3	16
October	5	6	2	2	..	..	15	10	2	1	..	..	..	..	15	2	5	5	1	..	2	..	15	5	10	15
November	7	11	1	3	..	..	22	21	1	..	..	..	..	..	22	1	7	7	4	2	1	..	22	18	4	22
December	8	8	1	2	..	..	19	14	5	..	..	..	..	..	19	1	4	5	3	6	..	..	19	12	7	19
Total	109	120	14	83	7	2	335	267	28	27	2	1	6	2	335	41	58	109	63	53	11	..	335	190	145	335

Deaths in other Institutions.

1908	Place whence mother came							Nationality								Deaths by ages								Sex		
	Montreal	Province of Quebec	Province of Ontario	United States	Other places	Unknown	Total.	French Canadian	English	Irish	Scotch	American	Other nationalities	Unknown	Total.	Under 15 days	Under 1 month	Under 2 months	Under 3 months	Under 6 months	Fr. 6 months to 1 year	Fr. 1 year to 4 years	Total.	Boys	Girls	Total.
January	1	..	..	..	..	1	2	....	1	..	1	..	..	..	2	..	..	1	..	1	..	..	2	....	2	2
February	3	..	..	..	..	..	3	....	....	..	3	..	..	..	3	2	1	..	..	..	..	..	3	2	1	3
March	1	1	..	..	4	..	6	....	1	1	2	..	1	1	6	2	1	1	..	..	2	..	6	4	2	6
April	2	..	..	..	..	..	2	....	2	..	..	..	..	..	2	..	..	..	..	2	..	..	2	1	1	2
May	4	..	..	..	..	3	7	1	3	..	2	..	..	1	7	3	1	..	..	3	..	..	7	4	3	7
June	..	..	..	..	..	3	3	....	1	..	1	..	..	1	3	..	1	..	2	..	..	..	3	2	1	3
July	14	..	..	1	2	..	17	3	10	1	2	1	..	..	17	1	3	5	3	3	2	..	17	10	7	17
August	16	..	..	..	2	4	22	2	12	..	3	..	1	4	22	8	6	2	2	4	..	..	22	11	11	22
September	5	..	..	..	..	..	5	2	3	..	..	..	..	..	5	2	..	..	..	1	1	1	5	1	4	5
October	7	..	..	..	..	..	7	....	2	1	2	..	..	2	7	2	..	3	..	1	..	1	7	3	4	7
November	2	2	..	..	..	..	4	1	2	..	1	..	..	..	4	1	..	1	..	..	2	..	4	3	1	4
December	6	..	..	..	..	..	6	1	1	..	4	..	..	..	6	..	..	3	1	1	..	1	6	2	4	6
Total	61	3	..	1	8	11	84	10	38	3	21	1	2	9	84	21	13	16	8	16	7	3	84	43	41	84

Deaths of illegitimate children, not in Institutions.

1908	Place whence mother came							Nationality								Deaths by ages								Sex		
	Montreal	Province of Quebec	Province of Ontario	United States	Other places	Unknown	Total.	French Canadian	English	Irish	Scotch	American	Other nationalities	Unknown	Total.	Under 15 days	Under 1 month	Under 2 months	Under 3 months	Under 6 months	Fr. 6 months to 1 year	Fr. 1 year to 4 years	Total.	Boys	Girls	Total.
January	6	..	..	..	..	..	6	5	....	..	..	..	1	..	6	2	2	..	..	1	1	..	6	3	3	6
February	1	..	..	2	..	1	4	2	....	..	..	2	..	..	4	..	1	..	1	2	..	..	4	2	2	4
March	....	..	..	..	..	2	2	....	....	..	..	..	..	2	2	2	..	..	..	..	..	..	2	2	....	2
April	1	..	..	..	..	..	1	1	....	..	..	..	..	..	1	..	1	..	..	..	..	..	1	....	1	1
May	1	..	..	..	..	..	1	1	....	..	..	..	..	..	1	..	..	..	..	1	..	..	1	...	1	1
June	....	..	..	..	..	..	....	....	....	..	..	..	..	..	....	..	..	..	..	..	..	..	....	....	....	....
July	5	..	..	..	..	..	5	4	1	..	..	..	..	..	5	2	1	..	..	2	..	..	5	2	3	5
August	2	..	..	..	..	..	2	1	....	1	..	..	..	..	2	1	..	..	1	..	..	..	2	....	2	2
September	7	..	..	..	..	..	7	4	1	1	..	..	..	1	7	3	1	2	..	1	..	..	7	2	5	7
October	3	..	..	..	..	..	3	3	....	..	..	..	..	..	3	1	..	1	..	..	1	..	3	1	2	3
November	2	..	..	..	..	..	2	....	1	..	..	..	..	1	2	1	..	1	..	..	..	..	2	1	1	2
December	4	..	..	..	..	..	4	3	....	..	1	..	..	..	4	2	..	..	1	1	..	..	4	2	2	4
Total	32	..	..	2	..	3	37	24	3	2	1	2	1	4	37	14	6	4	3	8	2	..	37	15	22	37

Résume of deaths among illegitimate children.

1908	Place whence mother came							Nationality								Deaths by ages								Sex			Religion			
	Montreal	Province of Quebec	Province of Ontario	United States	Other places	Unknown	Total.	French Canadian	English	Irish	Scotch	American	Other nationalities	Unknown	Total.	Under 15 days	Under 1 month	Under 2 months	Under 3 months	Under 6 months	Fr. 6 months to 1 year	Fr. 1 year to 4 years	Total.	Boys	Girls	Total.	Catholic	Protestant	Unknown	Total
January	36	10	1	11	..	1	59	43	6	6	1	1	2	..	59	3	12	14	11	17	2	..	59	27	32	59	49	9	1	59
February	31	11	.	6	..	1	49	42	2	..	3	2	..	..	49	10	10	17	5	5	2	..	49	29	20	49	42	7	..	49
March	49	8	1	7	5	2	72	58	3	5	2	..	1	3	72	8	11	27	8	15	3	..	72	39	33	72	63	7	2	72
April	62	14	3	7	1	..	87	62	15	8	1	1	..	..	87	10	12	31	18	14	2	..	87	40	47	87	70	17	..	87
May	69	11	1	10	1	4	96	75	7	9	2	..	1	2	96	16	21	21	19	13	5	1	96	51	45	96	84	12	..	96
June	46	13	2	5	..	3	69	54	6	5	1	1	1	1	69	12	9	23	15	9	1	..	69	40	29	69	59	10	..	69
July	100	28	2	19	7	3	159	119	22	9	3	1	3	2	159	18	26	52	24	29	8	2	159	78	81	159	128	31	..	159
August	71	17	3	13	2	5	111	72	21	6	3	..	4	5	111	20	28	31	12	15	5	..	111	53	58	111	92	18	1	111
September	29	3	1	6	1	..	40	29	6	4	..	..	..	1	40	11	8	10	4	3	2	2	40	23	17	40	32	7	1	40
October	31	7	2	2	..	..	42	29	4	3	2	2	..	2	42	7	7	15	6	1	5	1	42	20	22	42	32	8	2	42
November	40	14	1	3	1	..	59	51	5	..	1	..	1	1	59	3	13	21	12	6	4	..	59	39	20	59	52	7	..	59
December	41	8	1	2	..	..	52	37	7	2	5	..	1	..	52	5	9	16	11	10	..	1	52	28	24	52	40	12	..	52
Total	605	144	18	91	18	19	895	671	104	57	24	8	14	17	895	123	166	278	145	137	39	7	895	467	428	895	743	145	7	895

Deaths among prematurely born children (legitimate).

Sex	January	February	March	April	May	June	July	August	September	October	November	December	Total
Boys	13	25	16	12	13	18	13	12	17	15	21	22	197
Girls	16	18	8	14	11	11	14	18	9	18	8	14	159
Sex not stated	1	..	..	..	..	..	..	1	..	1	..	1	4
Total	30	43	24	26	24	29	27	31	26	34	29	37	360

Religion	January	February	March	April	May	June	July	August	September	October	November	December	Total
Catholic	28	33	20	19	21	21	23	28	21	26	24	32	296
Protestant	1	10	4	7	3	4	1	1	3	4	4	3	45
Jew	1	..	..	..	..	4	3	2	2	4	1	2	19
Total	30	43	24	26	24	29	27	31	26	34	29	37	360

Period of gestation

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Under 3 months	..	..	..	..	..	..	..	1	..	..	..	..	1
Under 4 months	5	2	2	..	..	2	2	..	4	1	1	3	22
Under 5 months	1	2	..	3	..	2	1	2	4	3	3	2	23
Under 6 months	9	11	7	3	5	4	7	10	3	8	7	7	81
Under 7 months	7	18	5	12	9	8	11	7	10	8	9	8	112
Under 8 months	3	2	7	2	4	6	2	5	1	10	5	7	54
Under 9 months		2	..	..	..	..	..	1	1	..	..	1	5
At term	..	..	..	..	..	..	..	..	..	..	..	..	...
Not stated	5	6	3	6	6	7	4	5	3	4	4	9	62
Total	30	43	24	26	24	29	27	31	26	34	29	37	360

Duration of life

	Under 30 minutes	1 hour	6 hours	12 hours	1 day	1 week	1 month	6 months	1 year	Total
Under 3 months	1	..	..	..	..	..	..	..	..	1
Under 4 months	21	1	..	..	..	..	..	..	..	22
Under 5 months	20	..	2	..	1	..	..	..	..	23
Under 6 months	35	3	11	5	10	9	6	2	..	81
Under 7 months	22	2	17	8	21	24	14	4	..	112
Under 8 months	17	1	1	2	6	21	5	1	..	54
Under 9 months	4	..	..	..	..	1	..	..	..	5
At term	...	..	..	..	..	..	..	..	..	...
Not stated	7	4	10	3	8	10	11	9	..	62
Total	127	11	41	18	46	65	36	16	..	360

Deaths among prematurely born children (illegitimate).

Sex	January	February	March	April	May	June	July	August	September	October	November	December	Total
Boys	5	2	4	2	1	5	3	3	..	..	1	5	31
Girls	2	1	6	1	1	..	1	1	..	1	..	1	15
Sex not stated	..	1	..	..	..	..	..	..	..	..	..	..	1
Total	7	4	10	3	2	5	4	4	..	1	1	6	47

Religion	January	February	March	April	May	June	July	August	September	October	November	December	Total
Protestant	3	4	10	2	2	4	4	3	..	1	1	3	37
Catholic	4	..	..	1	..	1	..	..	..	..	..	3	9
Unknown	..	..	..	..	..	..	1	..	..	..	..	..	1
Total	7	4	10	3	2	5	5	3	..	1	1	6	47

Period of gestation

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Under 3 months	..	..	..	..	..	..	..	..	..	..	..	..	..
Under 4 months	..	..	..	..	..	..	..	..	..	..	..	..	..
Under 5 months	..	..	..	..	..	..	..	..	..	..	..	..	..
Under 6 months	1	..	..	..	..	..	..	1	..	..	1	..	3
Under 7 months	3	..	3	..	2	3	1	1	..	..	..	2	15
Under 8 months	..	1	3	1	..	1	1	1	..	1	..	1	10
Under 9 months	2	2	1	1	..	..	..	..	..	..	..	..	6
At term	..	..	..	..	..	..	..	..	..	..	..	..	..
Not stated	1	1	3	1	..	1	2	1	..	..	..	3	13
Total	7	4	10	3	2	5	4	4	..	1	1	6	47

Duration of life

	Under 30 min.	1 hour	6 hours	12 hours	1 day	1 week	1 month	6 months	1 year	Total
Under 3 months	..	..	..	..	..	..	..	..	..	..
Under 4 months	..	..	..	..	..	..	..	..	..	..
Under 5 months	..	..	..	..	..	..	..	..	..	..
Under 6 months	2	..	..	..	..	1	..	..	..	3
Under 7 months	4	1	1	1	3	2	2	1	..	15
Under 8 months	6	..	..	..	..	1	3	..	..	10
Under 9 months	..	..	..	..	..	3	2	1	..	6
At term	..	..	..	..	..	..	..	..	..	..
Not stated	1	..	1	2	1	4	2	2	..	13
Total	13	1	2	3	4	11	9	4	..	47

Resume of deaths among prematurely born children.

Sex	January	February	March	April	May	June	July	August	September	October	November	December	Total
Boys	18	27	20	14	14	23	16	15	17	15	22	27	228
Girls	18	19	14	15	12	11	15	19	9	19	8	15	174
Sex not stated	1	1	..	..	..	..	..	1	..	1	..	1	5
Total	37	47	34	29	26	34	31	35	26	35	30	43	407

Religion	January	February	March	April	May	June	July	August	September	October	November	December	Total
Catholic	31	37	30	21	23	25	27	31	21	27	25	35	333
Protestant	5	10	4	8	3	5	1	1	3	4	4	6	54
Jew	1	..	..	..	..	4	3	2	2	4	1	2	19
Unknown	...	..	..	..	..	..	..	1	..	..	..	..	1
Total	37	47	34	29	26	34	31	35	26	35	30	43	407

Period of gestation

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Under 3 months	..	..	..	..	..	..	..	1	..	..	..	..	1
Under 4 months	5	2	2	..	..	2	2	..	4	1	1	3	22
Under 5 months	1	2	..	3	..	2	1	2	4	3	3	2	23
Under 6 months	10	11	7	3	5	4	7	11	3	8	8	7	84
Under 7 months	10	18	8	12	11	11	12	8	10	8	9	10	127
Under 8 months	3	3	10	3	4	7	3	6	1	11	5	8	64
Under 9 months	2	4	1	1	..	..	..	1	1	..	..	1	11
At term	..	..	..	..	..	..	..	..	..	..	..	..	..
Not stated	6	7	6	7	6	8	6	6	3	4	4	12	75
Total	37	47	34	29	26	34	31	35	26	35	30	43	407

Duration of life

	Under 10 minutes	1 hour	6 hours	12 hours	1 day	1 week	1 month	6 months	1 year	Total
Under 3 months	1	...	...	...	...	...	...	...	...	1
Under 4 months	21	1	...	...	...	...	...	...	...	22
Under 5 months	20	...	2	...	1	...	...	...	...	23
Under 6 months	37	3	11	5	10	10	6	2	...	84
Under 7 months	26	3	18	9	24	26	16	5	...	127
Under 8 months	23	1	1	2	6	22	8	1	...	64
Under 9 months	4	...	...	...	...	4	2	1	...	11
At term	...	...	...	...	...	...	...	...	...	..
Not stated	8	4	11	5	9	14	13	11	...	75
Total	140	12	43	21	50	76	45	20	...	407

Still born (legitimate).

Sex	January	February	March	April	May	June	July	August	September	October	November	December	Total
Boys	24	17	18	27	30	23	21	18	18	22	24	17	259
Girls	15	12	18	17	27	27	24	16	19	9	11	19	214
Sex not stated	..	2	2	2	2	..	..	2	..	1	..	..	11
Total	39	31	38	46	59	50	45	36	37	32	35	36	484

Religion	January	February	March	April	May	June	July	August	September	October	November	December	Total
Catholic	29	26	27	36	48	40	39	25	31	23	23	23	370
Protestant	5	5	9	8	8	7	4	7	5	7	5	10	80
Jew	5	..	2	2	3	3	2	4	1	2	7	3	34
Total	39	31	38	46	59	50	45	36	37	32	35	36	484

Period of gestation

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Under 2 months	.....	.....	.....	1	1	.....	.....	1	.....	2	1	.....	6
Under 3 months	.....	2	.....	1	.....	2	...	.....	1	3	1	...	10
Under 4 months	7	3	8	3	4	1	5	2	5	4	1	2	45
Under 5 months	3	5	2	4	7	3	2	2	.....	2	.....	.....	30
Under 6 months	3	3	4	6	10	4	6	5	3	2	4	7	57
Under 7 months	4	3	2	5	5	6	6	4	3	2	5	2	47
Under 8 months	4	3	7	9	6	8	.....	2	5	3	5	5	57
Under 9 months	2	2	1	....	1	1	2	1	.....	1	..	1	12
At term	3	5	2	4	6	6	2	5	3	5	4	4	49
Not stated	13	5	12	13	19	19	22	14	17	8	14	15	171
Total	39	31	38	46	59	50	45	36	37	32	35	36	484

Still born (illegitimate).

Sex	January	February	March	April	May	June	July	August	September	October	November	December	Total
Boys	2	2	2	1	3	2	2	1	..	3	1	2	21
Girls	1	2	2	1	2	1	2	1	..	3	..	2	17
Unknown	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	3	4	4	2	5	3	4	2	..	6	1	4	38

Religion	January	February	March	April	May	June	July	August	September	October	November	December	Total
Catholic	2	3	1	2	3	2	3	2	..	5	1	1	25
Protestant	1	1	..	..	..	..	1	..	..	..	..	2	5
Unknown	..	..	3	..	2	1	..	..	..	1	..	1	8
Total	3	4	4	2	5	3	4	2	..	6	1	4	38

Period of gestation

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Under 2 months	....	....	....	....	....	....	....	....	....	....	....	....	....
Under 3 months	....	....	....	....	....	1	....	....	....	....	....	....	1
Under 4 months	....	....	....	....	1	....	....	....	....	....	....	....	1
Under 5 months	....	....	1	....	....	....	1	....	....	1	....	....	3
Under 6 months	1	....	....	....	....	....	....	....	....	1	....	....	2
Under 7 months	....	....	....	....	....	....	2	....	....	....	....	....	2
Under 8 months	....	....	....	....	1	1	....	2	....	....	....	....	4
Under 9 months	....	1	....	....	....	....	....	....	....	....	....	....	1
At term	....	1	....	....	....	....	....	....	....	1	....	....	2
Not stated	2	2	3	2	3	1	1	....	....	3	1	4	22
Total	3	4	4	2	5	3	4	2	....	6	1	4	38

Still born (resume).

Sex	January	February	March	April	May	June	July	August	September	October	November	December	Total
Boys	26	19	20	28	33	25	23	19	18	25	25	19	280
Girls	16	14	20	18	29	28	26	17	19	12	11	21	231
Sex not stated	..	2	2	2	2	..	..	2	..	1	..	..	11
Total	42	35	42	48	64	53	49	38	37	38	36	40	522

Religion	January	February	March	April	May	June	July	August	September	October	November	December	Total
Catholic	31	29	28	38	51	42	42	27	31	28	24	24	395
Protestant	6	6	9	8	8	7	5	7	5	7	5	12	85
Jew	5	..	2	2	3	3	2	4	1	2	7	3	34
Unknown	..	..	3	..	2	1	..	..	..	1	..	1	8
Total	42	35	42	48	64	53	49	38	37	38	36	40	522

Period of gestation

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Under 2 months	.....	.....	.....	1	1	.....	.....	1	.....	2	1	.....	6
Under 3 months	.....	2	.....	1	.....	3	.....	.....	1	3	1	.....	11
Under 4 months	7	3	8	3	5	1	5	2	5	4	1	2	46
Under 5 months	3	5	3	4	7	3	3	2	.....	3	....	.....	33
Under 6 months	4	3	4	6	10	4	6	5	3	3	4	7	59
Under 7 months	4	3	2	5	5	6	7	4	3	2	5	2	49
Under 8 months	4	3	7	9	7	9	.....	4	5	3	5	5	61
Under 9 months	2	3	1	.....	1	1	2	1	.....	1	....	1	13
At term	3	6	2	4	6	6	2	5	3	6	4	4	51
Not stated	15	7	15	15	22	20	23	14	17	11	15	19	193
Total	42	35	42	48	64	53	49	38	37	38	36	40	522

GENERAL STATEMENT

OF THE

Still births and deaths among illegitimate and prematurely born children, 1908.

Foundling Hospital, Grey Nuns	438
Maternity, Sisters of Mercy	336
Other Institutions	84
Total	895
Premature births, legitimate	360
Premature births, illegitimate	47
Total	407
Still born, legitimate	484
Still born, illegitimate	38
Total	522
Grand total	1,824

Births.

	Births	Proportion per 1000 inhabitants	Surplus of births over deaths
French Canadians	10210	44.04	4159
Oher Caholics	1641	29.51	450
Protestants	2020	30.33	820
Jews	735	28.26	454
Totals	14606	38.43	5883

Marriages.

	Marriages	Proportion per 1000 inhabitants
French Canadians	1889	8.10
Other Catholics	380	6.83
Protestants	1106	16 60
Jews	140	5.38
Totals	3515	9.22

Deaths.

	Deaths	Estimated Population	Proportion per 1000 inhabitants
French Canadians	6051	231800	26.10
Oher Caholics	1191	55600	21.40
Protestants	1200	66600	18.01
Jews	281	26000	10.80
Totals	8723	380000	22.95

Comparative table of Births and Deaths.

	French Canadians	Other Catholics	Protestants	Jews
Births	10210	1641	2020	735
Deaths	6051	1191	1200	281
Excess of births over deaths	4159	450	820	454
Natural increase per 1000 of population	17.94	8.09	12.31	17.46

Births by sex.

Male	7407
Female	7199
Total	14,606
Excess of male births	208

Deaths by sex.

Male	4591
Female	4132
Total	8,723
Excess of male deaths	459

Deaths by Social Condition.

Married	1859
Widowers	294
Widows	534
Unmarried	897
Children (under 15 years)	5139
Total	8,723

Births, Marriages and Deaths from 1872 to 1908 inclusively.

Year	Population.	Deaths	Proportion per 1000 inhabitants	Births	Proportion per 1000 inhabitants	Marriages	Proportion per 1000 inhabitants
1872..	120759	4512	37.36	.....	.....	.....	.....
1873 .	123715	3716	39.03	.....	.....	.....	.....
1874..	124745	4520	36.23	.....	.....	.....	.....
1875..	129840	4328	33.33	.....	.....	.....	.....
1876..	133000	4557	34.26	6558	49.53	1369	10.29
1877..	134500	4715	35.05	6427	47.78	1121	8.33
1878..	135000	4119	30.51	6402	47.42	1440	10.66
1879..	135500	3704	27.43	.....	.....	.....	.....
1880..	140000	3767	26.90	.....	.....	.....	.....
1881..	143000	3883	27.18	.....	.....	.....	.....
1882..	144000	3906	27.12	.....	.....	.....	.....
1883..	150000	3849	25.60	.....	.....	.....	.....
1884..	162959	4358	26.74	6728	41.28	1513	9.28
1885..	167501	7825	46.71	6303	37.62	1495	8.92
1886..	183504	4655	25.36	8326	45.37	1931	10.52
1887..	189501	5286	27.96	8249	46.63	1984	10.46
1888..	201743	5824	28.86	8658	42.91	2204	10.92
1889..	210000	5588	26.60	8680	41.33	2107	10.03
1890..	216300	5365	24.80	8672	40.09	2080	9.65

Births, Marriages and Deaths from 1872 to 1908 inclusively.

Year	Population	Deaths	Proportion per 1000 inhabitants	Births	Proportion per 1000 inhabitants	Marriages	Proportion per 1000 inhabitants
1891..	218268	5391	24.24	9576	43.87	2107	9.65
1892..	224816	5507	24.49	9454	42.05	2149	9.55
1893..	231560	5782	23.96	10080	43.53	2273	9.81
1894..	241748	6594	27.27	10714	44.29	2188	9.05
1895..	249000	6179	24.81	10055	40.38	2011	8.07
1896..	256470	5622	21.92	9592	37.40	1902	7.40
1897..	264164	6035	22.48	9184	34.76	1885	7.13
1898..	272089	5622	20.66	9433	34.66	2179	8.00
1899..	280251	6871	24.51	9655	34.45	2277	8.12
1900..	288658	7351	25.46	9892	34.26	2240	7.76
1901..	297317	6915	23.25	9646	32.44	2425	8.15
1902..	277829	6275	22.58	9907	35.65	2564	9.22
1903..	286163	6954	24.29	10326	36.08	2908	10.16
1904..	294748	6895	23.39	10601	35.90	3011	10.21
1905..	303590	6971	22.96	10872	35.81	3130	10.31
1906..	350538	8041	22.93	13094	37.35	3830	10.92
1907..	366915	8280	22.56	13230	36.05	4027	10.97
1908..	380000	8723	22.95	14606	38.43	3515	9.22

Births.

Year	Total number of births	Total population	Proportion per 1000 inhabitants	French Canadians	French Canadian population	Proportion per 1000 inhabitants	Other Catholics	Other Catholic population	Proportion per 1000 inhabitants	Protestant and Jews	Protestant and Jewish population	Proportion per 1000 inhabitants
1887	8,249	189,051	43.63	6,023	108,819	55.34	1,001	32,254	31.03	1,225	47,978	25.53
1888	8,658	201,743	42.91	6,284	114,908	54.68	1,083	35,527	30.48	1,291	51,308	25.16
1889	8,680	210,000	41.33	6,263	119,612	52.36	1,067	36,981	28.85	1,350	53,407	25.27
1890	8,672	216,300	40.09	6,357	123,200	51.59	1,036	38,050	27.19	1,279	55,010	23.25
1891	9,576	218,268	43.87	7,047	127,108	55.44	1,139	37,098	30.70	1,390	54,062	25.71
1892	9,454	224,816	42.05	6,882	130,921	52.56	1,055	38,211	27.63	1,517	85,684	27.24
1893	10,080	231,560	43.53	7,254	134,865	53.78	1,174	39,364	29.80	1,652	57,331	28.81
1894	10,714	241,748	44.29	7,891	141,739	55.67	1,126	40,701	27.64	1,697	59,308	28.59
1895	10,055	249,000	40.38	7,072	145,991	48.44	1,032	41,922	27.00	1,881	61,087	30.30
1896	9,592	256,470	37.40	6,971	150,370	46.35	1,127	43,181	26.09	1,491	62,919	20.71
1897	9,184	264,164	34.76	.....	.....	.....	.....	.....	.....	.....	.....	.....
1898	9,433	272,089	34.66	6,908	159,528	43.30	1,013	45,810	22.11	1,512	66,751	22.65
1899	9,655	286,251	34.45	7,140	164,314	43.45	982	47,184	20.81	1,533	68,753	22.29
1900	9,892	288,658	34.27	7,460	169,243	44.08	964	48,599	19.83	1,468	70,806	20.73
1901	9,646	297,317	32.44	7,184	174,340	41.21	892	50,057	17.81	1,570	72,940	21.52
1902	9,907	277,829	35.65	7,370	169,165	43.56	909	40,549	22.41	1,628	68,115	23.75
1903	10,326	286,163	36.08	7,604	174,240	43.64	2,282	41,765	30.69	1,440	70,158	20.52
1904	10,601	294,748	35.96	8,024	179,467	44.72	984	43,018	22.87	1,593	72,263	22.04
1905	10,872	303,590	31.81	8,169	184,851	54.19	1,127	44,308	25.43	1,576	74,431	21.17
1906	13,094	350,538	37.35	10,158	213,101	47.66	1,110	51,313	21.63	1,826	86,124	21.20
1907	13,230	366,915	36.05	10,312	223,329	46.17	1,059	53,712	19.71	1,859	89,874	20.68
1908	14,606	380,000	38.43	10,210	231,800	44.04	1,641	55,600	29.51	2,755	92,600	29.75

Marriage-rate.

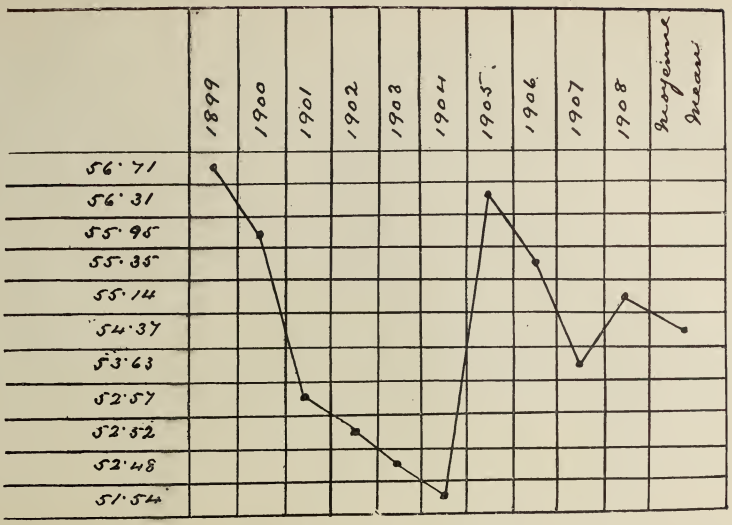
Year	Total number of marriages	Total population	Proportion per 1000 inhabitants	French Canadians	Population	Proportion per 1000 inhabitants	Other Catholics	Population	Proportion per 1000 inhabitants	Protestant and Jews	Population	Proportion per 1000 inhabitants
1887	1,984	189,051	10.46	1,290	108,819	11.85	212	32,254	6.57	482	47,978	10.04
1888	2,204	201,743	10.92	1,358	114,908	11.81	282	35,527	7.93	564	51,308	10.99
1889	2,107	210,000	10 03	1,306	119,612	10.92	218	36,981	5.89	583	53,407	10.91
1890	2,08	216,300	9.61	1,310	123,200	10.63	253	38,090	6.64	517	55,010	9.39
1891	2,107	218,268	9.65	1,380	127,108	10.85	232	37,098	6.25	495	54,062	9.15
1892	2,149	224,816	10.35	1,356	130,921	10.35	255	38,211	6.67	538	55,684	9.66
1893	2,273	231,560	9.81	1,403	134,865	10.40	248	39,364	6.30	622	57,331	10.84
1894	2,188	241,748	9.05	1,456	141,739	10.27	240	40,701	5.89	492	59,308	8.29
1895	2,011	249,000	8.07	1,282	145,991	8.74	218	41,922	5.20	511	61,087	8.36
1896	1,902	256,470	7.40	1,252	150,370	8.32	219	43,181	5.07	431	62,919	6.85
1897	1,885	264,164	7.13	.....	.....	.....	.....	.....	...	....	.....	.....
1898	2,179	272,089	8.00	1,422	159,528	8.91	238	45.810	5.19	519	66,751	7.77
1899	2,277	286,251	8.12	1,507	164,314	9.17	254	47,184	5.38	516	68,753	7.50
1900	2,240	288,658	7.76	1,533	169,243	9.05	239	48,599	4.91	468	70,816	6.61
1901	2,425	297,317	8.15	1,477	174,320	8.47	288	50,057	5.75	660	72,940	9.04
1902	2,564	277,829	9.22	1,644	169,165	9.71	296	40,549	7.29	624	68,115	9.15
1903	2,908	286,163	10.16	1,874	174,240	10.75	307	41,765	7.35	727	70,150	10.36
1904	3,011	294,748	10.21	1,875	174,467	10.44	365	43,018	8.48	771	72,263	10.67
1905	3,130	303,590	10.31	1,848	184,851	9.99	369	44,308	8.30	913	74,431	14.30
1906	3,830	350,538	10.92	2,310	213,101	10.83	401	51,313	7.81	1119	86,124	12.99
1907	4,027	366,915	10.97	2,314	223,329	10.36	319	53,712	5.93	1394	89,874	15.15
1908	3,515	380,000	9.22	1,889	231,800	8.10	380	55,600	6.83	1246	92,600	13.45

Mortality by ages, 1908.

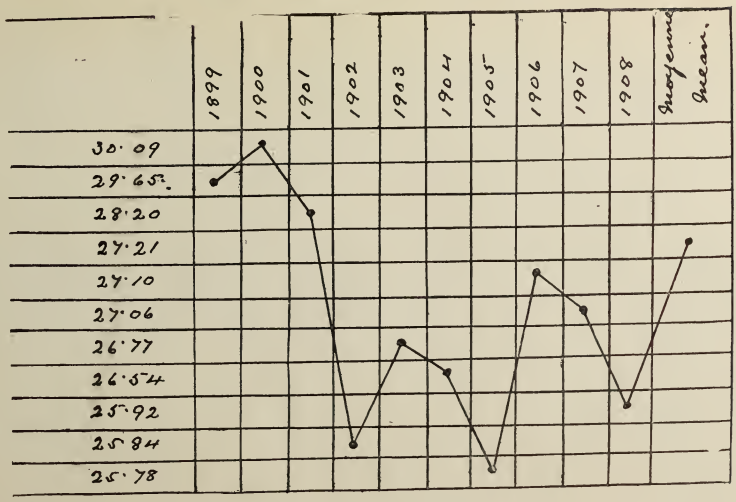
	Legitimates					Illegitimates					Sex			
	French Canadians	Other Catholics	Protestants	Jews	Total	French Canadians	Other Catholics	Protestants	Jews	Total	Male	Female	Grand Total	Proportion per cent of the total mortality
Premature births viable	141	30	23	11	205	28	4	4	.....	36	140	101	241	2.76
Under 6 months ...	1613	206	192	63	2074	451	36	104	1	595	1490	1179	2669	30.59
Fr. 6 m. to 1 yr. ...	645	96	71	40	846	20	5	6	.....	31	490	387	877	10.05
Fr. 1 yr. to 2 yrs. ...	411	57	48	43	559	3	1	4	.....	8	289	278	567	6.50
Fr. 2 yrs. to 5 yrs....	343	41	50	22	456	.....	.....	.....	.....	.....	233	223	456	5.22
Tot. under 5 years	3153	424	384	179	4140	505	46	118	1	670	2642	2168	4810	55.14
Fr. 5 yrs. to 9 yrs..	147	32	29	15	223	.....	.....	.....	.....	.....	123	100	223	2.55
Fr. 10 yrs. to 14 yrs..	73	12	18	3	106	.....	....	.....	.....	.....	44	62	106	1.21
Fr. 15 yrs. to 19 yrs..	113	24	22	6	185	.....	.....	.....	.....	.....	88	97	185	2.12
Fr. 20 yrs. to 29 yrs..	314	99	96	22	531	.....	.....	.....	.....	.....	248	283	531	6.08
Fr. 30 yrs. to 39 yrs.	317	97	79	7	500	.....	.....	.....	.....	.....	234	266	500	5.73
Fr. 40 yrs. to 49 yrs .	279	89	98	15	481	.....	.....	.....	.....	.....	258	223	481	5.51
Fr. 50 yrs. to 59 yrs..	291	101	78	15	485	....	.....	.....	.....	.....	262	223	485	5.56
Fr. 60 yrs. to 69 yrs..	334	88	110	13	545	...	....	.....	.....	.....	309	236	545	6.24
Fr. 70 yrs. to 79 yrs..	304	111	116	4	535	....	.....	....	.....	.....	242	293	535	6.13
Fr. 80 yrs. to 89 yrs..	185	38	45	....	268	.....	.....	..	....	.....	119	149	268	3.07
Fr. 90 yrs. to 99 yrs..	35	10	7	1	53	.....	.....	.....	.....	....	21	32	53	.60
Fr. 100 and over ...	1	.....	.....	....	1	.....	.....	.....	.....	.....	1	.....	1	.01
Total over 5 years	2393	721	698	101	3913	.....	.....	118	.....	....	1949	1964	3913	44.8
Grand Total.. ...	5546	1145	1082	280	8053	505	46		1	670	4591	4132	8723	.....

TOPOGRAPHICAL CHART OF DEATHS UNDER 5 YEARS OF AGE, MONTREAL, 1908.

PERCENTAGE OF MORTALITY AMONG CHILDREN UNDER 5 YEARS OF AGE COMPARED TO THE TOTAL MORTALITY, DURING THE LAST 10 YEARS.



PERCENTAGE OF MORTALITY AMONG CHILDREN UNDER 1 YEAR COMPARED TO BIRTHS, DURING THE LAST 10 YEARS.



Mortality by Ages.—*Continued.*

	Deaths under 5 years	Proportion per cent of total deaths	Deaths over 5 years	Proportion per cent of total deaths
French Canadians ...	3658	60.45	2393	39.55
Other Catholics	470	39.46	721	60.54
Protestants	502	41.83	698	58.17
Jews	180	64.06	101	35.94
Total	4810	55.14	3913	44.86

Of the 6,051 deaths amongst French-Canadians, 2,901 were under 1 year; 757 from 1 year to 5 years; 333 from 5 years to 20 years; 1,535 from 20 years to 70 years, and 525 over 70 years.

Amongst the other Catholics, of the 1,191 deaths, 371 were under 1 year; 99 from 1 year to 5 years; 88 from 5 years to 20 years; 474 from 20 to 70 years, and 159 from 70 upward.

Amongst the Protestants, of the 1,200 deaths, 400 were under 1 year; 102 from 1 year to 5 years; 69 from 5 years to 20 yars; 461 from 20 years to 70 years, and 168 over 70 years.

Amongst the Jews, of 281 deaths,115 were under 1 year; 65 from 1 year to 5 years; 24 from 5 years to 20 years; 72 from 20 years to 70 years, and 5 over 70 years.

43.41 per cent of the total deaths occurred under 1 year; 11.72 per cent from 1 year to 5 years, and 44.86 per cent over that age.

Mortality by Months, etc.

1908	Jan.		Feb.		March		April		May		June	
	Deaths	Proportion per cent	Deaths	Proportion per cent	Deaths	Proportion per cent	Deaths	Proportion per cent	Deaths	Proportion per cent	Deaths	Proportion per cent
French Canadians:												
Under 5 years	284	55.36	288	56.10	302	59.21	268	55.37	283	55.27	274	61.99
Over 5 years	229	44.64	225	43.90	208	40.79	216	44.63	229	44.73	168	38.01
Other Catholics:												
Under 5 years	32	30.18	38	35.84	36	33.64	41	40.59	33	35.87	30	31.91
Over 5 years	74	69 82	68	64.16	71	66.36	60	59.41	59	64.13	64	68.09
Protestants:												
Under 5 years	37	33.04	33	32.03	40	37.73	47	39.83	39	36.11	33	44.64
Over 5 years	75	66.96	70	67.97	66	62 27	71	60.17	69	63.89	41	55.36
Jews:												
Under 5 years	18	54.54	12	57.14	18	75.00	20	68 96	10	58.82	11	50.00
Over 5 years	15	45.46	9	42.86	6	25.00	9	31.04	7	41.18	11	50.00
Total	764		743		747		732		729		632	

	July		Aug.		Sept.		Oct.		Nov.		Dec.	
French Canadians:												
Under 5 years	480	74.88	433	71.33	334	63.02	237	54.23	217	53.84	258	56.20
Over 5 years	161	25.12	174	28.67	196	36.98	200	45.77	186	46.16	201	43.80
Other Catholics:												
Under 5 years	59	55.66	61	64.21	39	42.85	37	33.33	28	28.00	29	35.36
Over 5 years	47	44.34	34	35.79	52	57.15	74	66.67	72	72.00	53	64.64
Protestants:												
Under 5 years	68	60.71	64	53.33	46	45.54	30	35.71	23	34.84	42	43.75
Over 5 years	44	39.29	56	46.67	55	54.46	54	64.29	43	65.16	54	56.25
Jews:												
Under 5 years	17	65.38	23	88.46	15	65.21	12	63.63	9	56.25	15	60.00
Over 5 years	9	34.62	3	11.54	8	34.79	7	36.37	7	43.75	10	40.00
Total	885		848		745		651		585		662	

TYPOGRAPHICAL CHART OF DEATHS, BY WARDS, MONTREAL, 1908

Mortality by Wards, etc.

Wards	Estimated population	Area in acres	Density per acre	Mortality from all causes	Mortality per 1000 of the population of each ward	Diphtheria	Typhoid fever	Diarrhoeal diseases	Phthisis
Papineau	33,000	361	91.41	859	26.03	6	14	202	63
St. Louis	29,300	242	121.07	582	19.86	14	7	77	52
Lafontaine	28,776	230	125.11	533	18.52	13	7	113	48
St. Jean Baptiste	28,000	159	176.10	449	16.03	11	7	80	46
St. Henry	25,800	450	57.33	545	21.12	5	8	147	40
St. Lawrence	25,629	301	85 14	352	13.73	5	7	23	32
St. Joseph	23.345	190	122.86	450	19.23	1	7	105	30
St. Denis	23,000	2500	9.20	756	32.86	23	8	170	49
St. Gabriel	22,200	330	67.27	345	15.54	7	4	54	39
St. Ann	22,000	732	30.05	477	21.68	8	11	60	43
St. Mary	21,500	464	46.29	543	25.25	12	10	163	31
Hochelaga	19,000	1230	15.44	376	19.76	7	4	91	27
St. James	18,500	151	122.51	442	23.89	5	6	72	47
St. George	16,440	396	41.53	218	13.25	1	6	12	22
St. Andrew	14,000	476	29.41	155	11.07	2	2	10	14
St. Cunegonde	12,000	125	95.10	240	20.00	2	7	58	19
Duvernay	11,583	149	77.73	263	22.70	4	6	61	25
Mount Royal	1,900	750	2.53	27	14.21	...	1	13	1
East	2,220	57	38.94	69	31.81	1	2	10	9
Center	1,526	42	36.33	9	5.89	....	....	2	1
West	275	54	5.09	11	40.00	....	1	3	1
Total	380,000	9389	40.05	7701	.....	127	125	1526	639
Institutions	.....	.....	.....	1022	.....	1	1	275	72
Grand Total	380,000	9389	40.05	8723	22.95	128	126	1801	711

Mortality by Social Condition.

Wards	Male	Female	Married	Unmarried	Widowers	Widows	Total
Papineau	437	422	183	602	29	45	859
St. Louis	322	260	144	368	27	43	582
Lafontaine	294	239	130	355	19	29	533
St. Jean Baptiste	221	228	118	293	6	32	449
St. Henry	296	249	110	397	9	29	545
St. Lawrence	193	159	108	191	18	35	352
St. Joseph	243	207	104	293	17	36	450
St. Denis	413	343	139	562	18	37	756
St. Gabriel	169	176	92	224	8	21	345
St. Ann	281	196	136	291	28	22	477
St. Mary	274	269	86	415	15	27	543
Hochelaga	198	178	63	297	9	7	376
St. James	236	206	127	275	12	28	442
St. George	117	101	80	97	15	26	218
St. Andrew	76	79	57	68	10	20	155
St. Cunegonde	135	105	55	174	5	6	240
Duvernay	133	130	55	191	3	14	263
Mount Royal	19	8	6	21	.....	.....	27
East	43	26	13	50	3	3	69
Center	5	4	1	7	1	.....	9
West	3	8	1	8	1	1	11
Institutions	483	539	51	857	41	73	1022
Total	4591	4132	1859	6036	294	534	8723

Mortality by Seasons and Ages.

Ages	Spring				Summer				Autumn				Winter						
	March	April	May	Total Spring	June	July	August	Total Summer	September	October	November	Total Autumn	December	January	February	Total Winter	Total	Institutions	Grand Total
Under 6 months	175	134	126	435	172	309	320	801	234	162	127	523	159	161	177	487	2256	654	2910
From 6 months to 1 year	60	71	64	195	60	131	113	304	96	56	27	179	43	49	71	163	841	36	877
From 1 year to 2 years	57	59	51	167	37	45	41	123	47	32	37	116	46	62	45	153	559	8	567
From 2 years to 5 years	36	42	44	122	29	31	27	87	26	31	41	98	50	53	42	145	452	4	456
Total under 5 years	328	306	285	919	298	516	501	1315	403	281	232	916	298	325	335	958	4108	702	4810
Total over 5 years	316	326	338	980	245	244	247	736	286	313	284	883	295	362	337	994	3593	320	3913
Total	644	632	623	1899	543	760	748	2051	689	594	516	1799	593	687	672	1952	7701	1022	8723

Mortality by certain Contagious diseases, by Wards and Sexes.
By Wards.

	Papineau	St. Louis	Lafontaine	St. Jean Baptiste	St. Henry	St. Lawrence	St. Joseph	St. Denis	St. Gabriel	St. Ann	St. Mary	Hochelaga	St. James	St. George	St. Andrew	St. Cunegonde	Duvernay	Mount Royal	East	Center	West	Institutions	Total
Measles	5	13	6	2	3	5	1	7	....	....	3	1	6	1	....	3	1	..	1	..	..	..	58
Diphtheria	6	14	13	11	5	5	1	23	7	8	12	7	5	1	2	2	4	..	1	..	..	1	128
Scarlatina	8	14	1	5	5	10	4	4	8	12	3	1	....	1	1	....	3	..	..	..	..	1	81
Typhoid	14	7	7	7	8	7	7	8	4	11	10	4	6	6	2	7	6	1	2		1	1	126
Phthisis	63	52	48	46	40	32	30	49	39	43	31	27	47	22	14	19	25	1	9	1	1	72	711
Total	96	100	75	71	61	59	43	91	58	74	59	40	64	31	19	31	39	2	13	1	2	75	1104

TOPOGRAPHICAL CHART OF DEATHS FROM TYPHOID FEVER, MONTREAL, 1908.

TOPOGRAPHICAL CHART OF DEATHS FROM PHTHISIS, MONTREAL 1908.

By Sexes.

		Papineau	St. Louis	Lafontaine	St. Jean Baptiste	St. Henry	St. Lawrence	St. Joseph	St. Denis	St. Gabriel	St. Ann	St. Mary	Hochelaga	St. James	St. George	St. Andrew	St. Cunegonde	Duvernay	Mount Royal	East	Center	West	Institutions	Total
Measles	Male	1	9	1	1	1	3	..	2	..	..	1	1	3	1	..	..	..	..	1	..	..	..	25
	Female	4	4	5	1	2	2	1	5	..	..	2	..	3	..	..	3	1	..	..	..	..	..	33
Diphtheria	Male	3	9	7	4	2	1	1	8	1	5	6	3	..	..	1	1	3	..	..	..	..	1	56
	Female	3	5	6	7	3	4	..	15	6	3	6	4	5	1	1	1	1	..	1	..	..	..	72
Scarlatina	Male	4	8	1	2	3	6	2	1	6	8	2	1	..	1	1	..	3	..	..	..	..	1	50
	Female	4	6	..	3	2	4	2	3	2	4	1	..	..	..	..	..	..	..	..	..	..	..	31
Typhoid	Male	7	5	3	6	4	5	5	6	1	8	1	2	5	3	1	5	5	..	2	..	..	1	75
	Female	7	2	4	1	4	2	2	2	3	3	9	2	1	3	1	2	1	1	..	..	1	..	51
Phthisis	Male	32	29	22	19	18	19	18	24	14	25	16	10	29	10	8	9	11	..	6	1	..	29	349
	Female	31	23	26	27	22	13	12	25	25	18	15	17	18	12	6	10	14	1	3	..	1	43	362
Total	Male	47	60	34	32	28	34	26	41	22	46	26	17	37	15	11	15	22	..	9	1	..	32	555
	Female	49	40	41	39	33	25	17	50	36	28	33	23	27	16	8	16	17	2	4	..	2	43	549

Monthly Mortality, 1908.

MONTHS	Total deaths in month	Monthly deaths reduced to a standard of 100	Deaths per day	Mean Temperature
January	764	103.40	24.64	12.37
February	743	107.79	25.62	12.45
March	747	101.37	24.09	24.38
April	732	102.65	24.40	36.66
May	729	98.93	23.51	56.83
June	632	88.70	21.06	63.49
July	885	119.97	30.26	71.87
August	848	115.08	28.55	66.39
September	745	104.47	24.83	62.93
October	651	88.35	21.00	49.66
November	585	82.04	19.50	34.57
December	662	89.84	21.82	15.84
Total	8723	100.00	23.83	42.29

Deaths by certain Contagious diseases and by Ages.

1908	Measles								Scarlatina								Diphtheria								Typhoid Fever								Phthisis							
	French Canadians	Other Catholics	Protestants	Jews	Total	Male	Female	Total	French Canadians	Other Catholics	Protestants	Jews	Total	Male	Female	Total	French Canadians	Other Catholics	Protestants	Jews	Total	Male	Female	Total	French Canadians	Other Catholics	Protestants	Jews	Total	Male	Female	Total	French Canadians	Other Catholics	Protestants	Jews	Total	Male	Female	Total
Under 6 months	....	1	....	....	1	....	1	1	....	....	....	....	....	....	....	....	1	1	1	1	4	3	1	4	....	....	....	....	....	....	....	....	9	2	7	1	19	10	9	19
Fr. 6 months to 1 year	4	3	1	5	13	6	7	13	2	1	1	3	7	3	4	7	4	....	....	3	7	2	5	7	....	....	....	....	....	....	....	....	9	2	2	....	13	10	3	13
Fr. 1 year to 5 years	24	4	4	7	39	17	22	39	15	5	15	10	45	25	15	40	61	14	9	11	95	39	56	95	3	2	1	....	6	1	5	6	15	2	11	2	30	16	14	30
Fr. 5 years to 9 years	2	1	....	....	3	2	1	3	6	4	10	6	26	21	10	31	13	4	4	1	22	12	10	22	5	1	1	...	7	2	5	7	5	3	2	1	11	4	7	11
Fr. 10 years to 14 years	1	....	....	....	1	....	1	1	...	....	...	2	2	1	1	2	....	....	....	....	....	....	....	....	3	1	....	...	4	....	4	4	7	1	....	....	8	....	8	8
Fr. 15 years to 19 years	....	1	....	....	1	....	1	1	...	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	9	5	....	....	14	4	10	14	44	13	7	3	67	24	43	67
Fr. 20 years to 29 years	....	....	....	....	....	....	....	....	...	1	....	...	1	....	1	1	....	...	....	....	....	....	....	....	24	10	10	1	45	36	9	45	125	43	25	5	198	94	104	198
Fr. 30 years to 39 years	....	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....	....	13	5	6	....	24	16	8	24	113	27	17	4	161	72	89	161
Fr. 40 years to 49 years	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	....	....	....	....	....	....	....	....	7	4	2	...	13	8	5	13	61	19	22	2	104	62	42	104
Fr. 50 years to 59 years	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	2	1	....	8	4	4	8	35	10	9	....	54	31	23	54
Fr. 60 years to 69 years	....	....	....	....	....	....	....	....	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	....	1	....	5	4	1	5	23	5	7	....	35	21	14	35
Fr. 70 years to 79 years	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	....	....	....	....	...	....	....	2	3	3	....	8	5	3	8
Fr. 80 years to 89 years	....	....	....	....	....	....	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	....	....	....	....	....	....	....	....	....	2	....	1	....	3	....	3	3
Fr. 90 years to 99 years	....	....	....	...	....	....	....	....	....	....	....	....	...	....	....	....	....	....	....	....	....	....	...	....	....	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Fr. 100 years and over	....	....	....	....	....	....	...	....	....	....	....	....	....	....	....	....	....	...	....	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Total	31	10	5	12	58	25	33	58	23	11	26	21	81	50	31	81	79	19	14	16	128	56	72	128	73	30	22	1	126	75	51	126	450	130	113	18	711	349	362	711

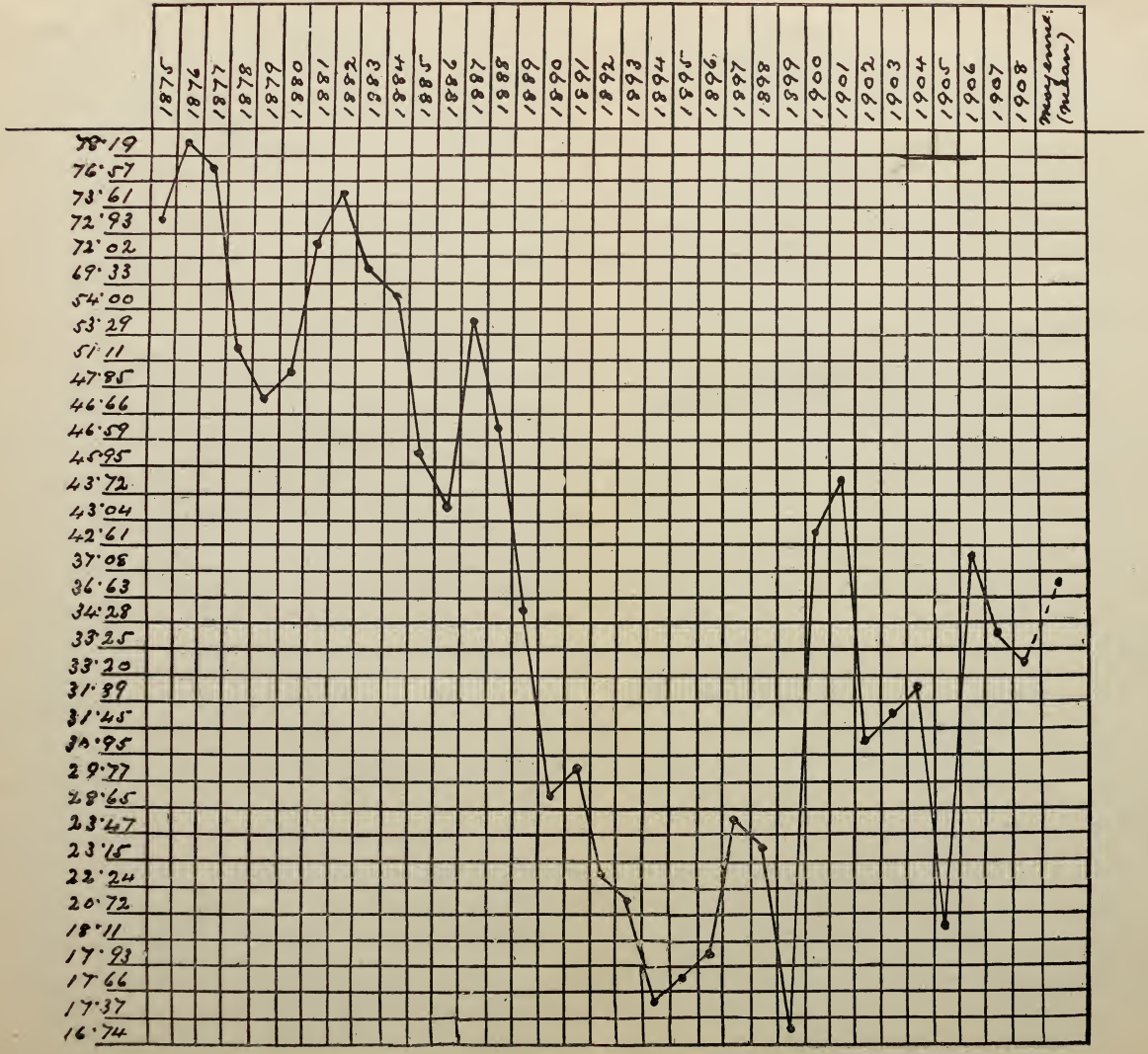
Twelve principal diseases, by months.

Diseases	January	February	March	April	May	June	July	August	September	October	November	December	Total
Diarrhoea and enteritis..	69	68	77	78	82	121	409	351	251	134	75	86	1801
Phthisis	62	64	72	66	89	50	55	45	50	50	62	46	711
Infantile debility..	50	48	54	40	40	50	44	52	40	44	40	50	552
Pneumonia	58	49	41	43	45	17	16	12	21	24	32	37	395
Simple meningitis	19	39	44	31	32	25	34	37	49	16	16	29	371
Diseases of the heart	37	31	33	39	32	26	16	37	26	39	31	22	371
Broncho-pneumonia	45	43	42	43	27	20	12	14	15	21	36	34	352
Bright's disease	26	31	20	30	24	19	31	24	28	18	14	29	294
Cancers	16	16	14	26	22	25	18	19	17	19	18	20	230
Acute bronchitis	35	28	24	17	13	11	3	4	9	8	21	16	187
Congestion and hemorrhage of the brain	17	15	13	16	21	10	7	10	12	18	8	14	161
Convulsions of children..	10	14	10	14	12	12	17	5	4	7	5	9	119

Mortality from certain diseases.

Diseases	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
Small-pox	703	506	728	472	140	5	.....	.....	.....	3164	70	.....	.....	.....	.....
Measles	6	58	2	5	78	12	18	33	17	142	11	74	37	108	65
Scarlatina	43	38	29	22	43	47	54	30	16	42	22	10	9	19	16
Diphtheria	122	318	201	124	100	163	163	155	285	306	237	488	427	200	170
Typhoid fever	104	104	69	63	67	103	105	104	88	77	79	101	94	72	62
Dysentery	38	45	24	28	22	35	28	22	26	18	24	25	43	31	19
Diarrhoea	294	348	159	348	279	287	397	273	349	256	266	409	392	476	328
Cholera infantum	240	199	176	105	153	161	134	190	255	185	247	306	305	298	326
Dentition	114	131	102	69	85	85	66	76	70	82	74	74	78	107	100
Pulmonary phthisis	413	450	410	379	431	413	440	431	467	412	484	470	539	520	550

MORTALITY FROM TYPHOID FEVER, PER 100,000 OF THE POPULATION, DURING THE LAST 34 YEARS.



Mortality from certain diseases.—*Continued.*

DISEASES	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908
Small-pox	....	....	....	....	....	....	12	2	....	10	2	10	2	1	....	....	....	.....
Measles	55	33	53	34	24	39	71	13	44	69	60	78	77	43	82	69	69	58
Scarlatina	10	14	193	49	61	39	17	21	52	182	245	61	24	10	11	3	17	81
Diphtheria	78	54	62	99	275	249	217	145	183	117	83	57	89	122	94	126	71	128
Typhoid fever	65	50	48	42	44	46	62	63	48	123	130	86	90	94	55	130	122	126
Dysentery	15	18	16	16	21	18	20	16	13	14	25	10	13	10	15	19	10	1801
Diarrhoea	423	393	407	478	415	357	347	304	457	439	383	347	1152	1286	1559	1764	1550	
Cholera infantum	424	300	401	371	333	217	334	254	280	264	206	105						
Dentition	98	104	101	117	86	96	80	109	85	63	79	61	43	30	25	42	5	8
Pulmonary phthisis	515	532	565	565	559	607	752	591	756	692	647	664	633	384	554	631	663	711

Mortality by phthisis, by Nationalities.

Nationalities	Sex		Total
	M.	F.	
French Canadian	221	229	450
Irish	46	54	100
English	29	26	55
Scotch	12	15	27
Jewish	12	6	18
United States	5	3	8
Italian	2	6	8
French	1	3	4
Polish	3	1	4
Chinese	4	.....	4
Belgian	1	2	3
German	.....	3	3
Syrian	3	.....	3
Austrian	2	.....	2
Welsh	1	.....	1
Danish	.....	1	1
Hungarian	1	.....	1
Unknown	12	7	19
Total	349	362	711

Number of permits issued for the removal outside the City of the Bodies of Persons who died in Montreal.

Resume by Age, Sex and Months.

1908 MONTHS	Under 6 months	Fr. 6 months to 1 year	Fr. 1 year to 5 years	Fr. 5 years to 10 years	Fr. 10 years to 15 years	Fr. 15 years to 20 years	Fr. 20 years to 30 years	Fr. 30 years to 40 years	Fr. 40 years to 50 years	Fr. 50 years to 60 years	Fr. 60 years to 70 years	Fr. 70 years to 80 years	Fr. 80 years to 90 years	Fr. 90 years to 100 years	100 years and over	Sex		Total
																Male	Female	
January	5	2	5	1	3	2	13	9	5	8	2	10	2	1	....	33	36	69
February	4	6	5	1	2	1	10	8	5	5	9	3	4	.	....	29	34	63
March	8	3	6	....	2	1	10	11	5	6	7	8	3	1	..	29	42	71
April	4	3	6	1	2	1	9	6	7	7	4	4	3		...	30	27	57
May	5	4	6	3	2	....	12	7	8	6	9	5	4	....	.	34	37	71
June	7	3	2	1	....	2	6	9	5	7	4	2	2	...	....	26	24	50
July	10	6	3	1	1	1	9	7	4	7	3	4	3	1	....	32	28	60
August	17	1	4	....	1	2	5	9	4	8	5	5	1	....	....	26	36	62
September	5	2	4	1	....	1	6	10	5	6	4	4	1	1	....	30	20	50
October	3	2	2	2	....	6	5	6	2	5	11	7	1	1	..	30	23	53
November	5	3	3	....	1	3	8	8	6	6	5	6	1	....	..	20	35	55
December	2	....	2	1	....	5	5	5	4	7	5	1	2	....	..	18	21	39
Total	75	35	48	12	14	25	98	95	60	78	68	59	28	5	..	337	363	700

Deaths of Strangers in Montreal, 1908.

MONTHS	French Canadians		Other Catholics		Protestants		Jews		Unknown		Total		Grand Total
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
January	11	10	6	1	8	6	....	....	....	....	25	17	42
February ...	8	9	1	....	6	8	....	2	....	....	15	19	34
March	8	10	2	4	4	8	....	1	....	...	14	23	37
April	7	7	5	2	12	9	1	....	1	....	26	18	44
May	9	11	6	1	12	5	1	....	1	....	29	17	46
June	11	10	....	2	10	4	....	...	5	....	26	16	42
July	10	10	5	1	8	13	2	....	....	....	25	24	49
August	14	8	3	1	16	4	1	....	1	1	35	14	49
September ..	12	4	3	3	13	4	....	....	1	....	29	11	40
October	8	7	2	....	15	2	....	....	....	...	25	9	34
November ..	10	7	3	1	9	8	....	....	....	....	22	16	38
December ...	4	6	3	1	9	3	....	....	....	....	16	10	26
Total	112	99	39	17	122	74	5	3	9	1	287	194	481

METEOROLOGICAL ABSTRACT FOR THE YEAR 1908.

Observations made at McGill College Observatory, Montreal, Canada.—Height above sea level 187 ft. Latitude N. 45° 30' 17". Longitude 4 h. 54 m. 18 s. 67 w. C. H. McLEOD, Superintendent.

MONTH	Thermometer					Barometer				Mean relative humidity	Wind		Percentage possible sunshine	Precipitation						
	Mean	Deviation from 34 years means	Maximum	Minimum	Mean daily range	Mean	Maximum	Minimum	Mean daily range		Resultant direction	Mean velocity in miles per hour		Inches of rain	No. of days on which rain (or sleet) fell	Inches of snow	No. of days on which snow fell	Inches of rain and melted snow	No. of days on which rain and snow fell	No. of days on which rain or snow fell
January	13.37	0.0	39.4	—20.0	18.9	29.919	30.60	28.91	.457	82.4	N. 89° W.	18.31	29.0	.346	2	44 5	19	4.97	0	21
February	12.48	—2.59	39.8	—20.6	14.36	30.032	30.83	28.80	. 41	83.0	S. 55° W.	16 45	37.2	2.14	5	40.6	15	6.22	2	18
March	24.38	—0.58	46.8	1.4	14.88	30.018	30.56	29.06	.374	79.7	S. 61° W.	16.38	26.5	2.56	13	12.2	16	2.79	4	25
April	36.66	—3.93	66.5	7.3	15.8	29.853	30 54	29.20	.365	70.2	S. 61° W.	16.34	46.5	1.83	15	9.2	9	2.76	5	19
May	56.83	†2.15	82.0	35.9	17.40	29.885	30.32	29.06	.219	68.7	N. 74° W	13.70	47.5	5.6	16	.....	.....	5.63	.....	16
June	63 49	—1.19	87.0	44.0	17.88	29.963	30.29	29.61	.179	63.8	N. 86° W.	13.60	72.0	.90	10	.. .	.....	.90	.....	10
July	71.87	†2.94	91.8	54.2	16.83	29·980	30.33	29.51	. 15	79.3	N. 84° W.	12.81	66 0	4.36	18	.....	.....	4.36	....	18
August	66.39	—0.12	81.0	48.4	15.32	29.959	30.34	29.53	.142	76.5	S. 88° W.	10 81	61.6	2.83	15	.....	.....	2.83	.....	15
September	62.93	†4.25	84.0	39.9	17.41	30.035	30.49	29.54	.217	68.3	S. 59° W.	12.81	59.4	1.80	7	.....	.....	1.80	.....	7
October	49.66	†3.63	74.6	29.3	14.23	30.122	30.56	29.64	.174	71.4	S. 64° W.	13.19	38.4	1.49	11	0.0	2	1.49	0	13
November	34 57	†1 98	56.3	17.4	9.50	29 894	30.34	29.09	.257	80.3	S. 59° W.	17.24	17.6	1.43	14	13.3	12	2.78	2	24
December	15.84	—2.87	52.1	— 9.5	15.17	29.979	30.63	29.38	.380	84.8	S. 70° W.	12.77	22.1	.03	3	53.2	24	5.35	2	25
Sums for 1908	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25.37	129	173.0	97	42.70	15	211
Means for 1908	42.29	†0.31	.....	.....	.....	29.970	.....	.....	.....	75.7	S. 73° O.	14.56	43.6	.....	.....	.....	.....	.....	.....	.....
Means for 34 years ending Dec. 31, 1908	41.98	.....	.....	.....	.....	29.980	.....	.....	.....	.....	.....	14.61	44.57	28.68	.....	122.7	.....	41.37	.....	.....

The greatest heat was 91.8° (Fah.) above zero on July 7th: the greatest cold was 20.6° below zero on Feb. 5th. The extreme range of temperature was, therefore, 112.4°. Greatest thermometer range in one day was 39.6° on Feb. 6th; least range was 1.5° on Nov 25th. The warmest days were July 7th and 30th, when the mean temperature was 79.6° above zero. The coldest day was Jan. 30th, when the mean temperature was 15.2° below zero. The minimum relative humidity observed was 33 on June 6th. The greatest mileage of wind was 53 on Dec. 1st, and the greatest velocity in gusts was at the rate of 72 miles per hour on Dec. 1st, Mar. 31st, and Nov. 26th. The total mileage of wind was 127,857. The resultant direction of the wind for the year was S. 73° W., and the resultant mileage 59,500. Lunar halos were observed on 6 nights. Auroras on 34 nights. Fog on 14 days. Thunderstorms, total noted 35.

First sleighing of winter in city was on Nov. 17th. The first appreciable snow-fall of the autumn was on Nov. 14th. The first trace of snow was on Oct. 30th.

Nota.—The yearly means of the above are averages of the monthly means, except for the velocity of the wind.

Deaths from all Causes, during the year 1908.

		January	February	March	April	May	June	July	August	September	October	November	December	Sex Male	Sex Female	Total
1	Typhoid fever	12	12	6	7	8	....	5	5	14	16	22	19	75	51	126
2	Typhus fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
3	Recurrent fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
4	Intermittant fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
5	Small-pox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
6	Measles	6	2	2	2	3	2	3	3	3	5	9	18	25	33	58
7	Scarlatina	9	4	7	9	17	1	2	6	1	7	12	6	50	31	81
8	Whooping cough	13	16	15	17	10	8	8	7	5	3	2	1	44	61	105
9	Diphtheria and Croup	10	13	10	14	2	9	7	7	10	16	17	13	56	72	128
10	Grippe	24	12	5	10	5	1	....	1	1	2	....	1	38	24	62
11	Miliary fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
12	Cholera asiatic	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
13	Cholera nostras	....	...	....	....	....	....	....	....	1	....	....	....	1	....	1
14	Dysentery	....	....	....	1	....	....	....	....	....	....	....	....	....	1	1
15	Plague	....	....	....	....	....	....	....	....	....	....	...	....	....	....	.....
16	Yellow fever	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
17	Leprosy	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
18	Erysipelas	3	4	2	1	5	....	1	....	1	....	....	....	10	7	17
	A. Mumps	....	...	...	....	2	....	....	....	....	....	....	....	2	....	2
	B. Varicella	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	C. Others	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
19	Other epidemic diseases	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
20	Septicemia	1	6	1	4	3	2	1	3	2	3	3	5	19	15	34
21	Glanders and Farcy	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
22	Malignant pustule	....	....	....	....	....	2	....	1	....	....	....	....	3	....	3

Deaths from all Causes, during the year 1908.—*Continued.*

		January	February	March	April	May	June	July	August	September	October	November	December	Sex: Male	Sex: Female	Total
23	Rabies	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
24	Actinomycosis, trichinosis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
25	Pellagra	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
26	Tuberculosis of the larynx	....	....	1	1	....	1	1	....	....	1	1	1	4	3	7
27	Tuberculosis of the lungs	62	64	72	66	89	50	55	45	50	50	62	46	349	362	711
28	Tuberculosis of the meninges	6	8	4	10	10	10	7	5	4	5	4	11	49	35	84
29	Tuberculosis, abdominal	5	4	....	1	6	4	1	3	3	2	1	4	18	16	34
30	Pott's disease	....	....	....	1	....	....	....	....	1	1	1	1	4	1	5
31	Tuberculous abcess	....	....	2	....	5	1	1	....	1	....	....	....	2	8	10
32	White swelling	....	....	2	....	....	....	....	....	....	....	....	....	2	....	2
33	Tuberculosis of other organs	1	1	4	3	3	[illegible]	1	4	....	....	....	1	11	8	19
34	Generalised tuberculosis	1	1	3	....	5	2	2	1	2	1	2	2	13	9	22
35	Scrofula	....	....	2	3	1	....	6	3	....	1	....	....	9	7	16
36	Syphillis { A. Hereditary	5	8	6	3	5	3	7	7	....	2	1	1	21	27	48
	Syphillis { B. Acquired	1	1	....	1	....	....	....	....	....	....	1	....	3	1	4
37	Adult blennorhagia	....	....	....	....	....	....	....	1	....	1	....	....	....	2	2
38	Gonococcic infection in children	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
39	Cancer, malignant tumors of the buccal cavity	....	1	....	2	1	2	1	2	....	....	....	1	9	1	10
40	Cancer, malignant tumors of the stomach and liver	6	6	6	10	3	5	8	3	9	7	2	6	30	41	71
41	Cancer, malignant tumors of the peritoneum and intestines	2	2	1	1	4	2	....	2	2	3	3	4	11	15	26
42	Cancer, malignant tumors of the female genital organs	4	1	2	4	5	4	5	4	2	4	3	1	....	39	39

43	Cancer, malignant tumors of the breast	1	....	3	2	1	2	....	2	3	2	3	2	....	21	21
44	Cancer, malignant tumors of the skin	....	....	....	1	....	....	....	....	....	....	....	....	....	1	1
45	Cancer, malignant tumors of other organs	3	6	2	6	8	10	4	6	1	3	7	6	27	35	62
46	Other tumors	1	2	1	....	2	....	1	2	....	1	1	2	2	11	13
47	Rhumatism, acute articular	....	5	5	5	7	3	2	2	1	5	2	3	16	24	40
48	Rhumatism, chronic and gout	....	2	1	....	....	....	2	....	....	1	1	....	3	4	7
49	Scurvy	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
50	Diabetes	3	3	3	5	3	4	1	....	3	2	....	2	13	16	29
51	Exophthalmic goitre	....	....	....	1	....	....	....	1	....	....	....	2	1	3	4
52	Addison's disease	....	1	1	1	....	2	2	....	1	....	....	....	5	3	8
53	Leukemia	....	....	2	2	....	1	....	1	....	....	....	....	5	1	6
54	Anemia, chlorosis	4	4	6	1	....	4	2	2	4	1	1	5	11	23	34
55	Other general diseases	....	....	....	....	1	....	2	3	2	1	....	....	4	5	9
56	Alcoolism, acute or chronic	2	....	1	1	....	1	2	1	2	2	2	3	12	5	17
57	Saturnism	....	....	....	....	....	1	....	....	....	....	....	1	2	....	2
58	Other chronic poisoning (occupational)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
59	Other chronic poisonings	1	1	....	....	....	....	....	....	....	....	....	....	2	....	2
60	Encephalitis	....	2	....	....	1	....	1	3	....	....	1	2	6	4	10
61	Simple meningitis	19	39	44	31	32	25	34	37	49	16	16	29	202	169	371
61	*Bis* — Cerebro-spinal meningitis, epidemic	3	2	4	1	3	3	1	1	....	2	....	1	13	8	21
62	Locomotor ataxia	....	1	....	1	....	....	1	....	1	....	3	....	7	....	7
63	Other diseases of the spinal cord	2	....	3	3	1	3	....	2	1	....	2	2	13	6	19
64	Cerebral congestion and hemorrhage	17	15	13	16	21	10	7	10	12	18	8	14	82	79	161
64	*Bis* — Congestion in children	2	2	2	2	2	5	1	....	....	....	....	....	9	7	16
65	Softening of the brain	3	1	3	1	....	....	1	....	1	1	1	1	7	6	13
66	Paralysis without specified cause	10	7	8	5	2	5	4	5	7	3	4	5	17	48	65
67	General paralysis	3	....	7	2	5	4	4	4	....	6	6	6	26	21	47

Deaths from all Causes, during the year 1908.—*Continued.*

		January	February	March	April	May	June	July	August	September	October	November	December	Sex Male	Sex Female	Total
68	Other forms of mental alienation	2	2	....	....	....	1	....	1	1	....	....	....	2	5	7
69	Epilepsy	....	1	5	2	3	1	2	....	2	2	1	4	13	10	23
70	Eclampsia (not puerperal)	....	....	....	....	....	....	....	1	....	....	....	....	....	1	1
71	Infantile convulsions	10	14	10	14	12	12	17	5	4	7	5	9	80	39	119
72	Tetanus	....	....	....	2	....	....	1	....	1	1	3	....	6	2	8
73	Chorea	....	....	....	....	....	1	....	....	....	....	....	....	...	1	1
	A. Hysteria	....	....	....	....	....	....	...	....	....	....	....	....	....	....	.....
	B. Neuralgia	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
	C. Other	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
74	Other diseases of the nervous system	2	5	1	....	4	2	....	1	....	....	....	....	8	7	15
75	Diseases of the eye and its adnexa	....	....	....	....	1	....	....	....	....	....	....	....	....	1	1
76	Diseases of the ears	1	....	2	....	2	1	2	....	....	....	....	....	3	5	8
77	Pericarditis	....	....	1	....	....	....	....	....	....	....	....	....	1	....	1
78	Endocarditis acute	....	3	2	1	....	....	1	1	....	1	2	....	2	9	11
79	Organic diseases of the heart	37	31	33	39	34	26	16	37	26	39	31	22	161	210	371
80	Angina pectoris	1	3	....	1	2	2	2	....	3	....	....	2	12	4	16
81	Diseases of the arteries, atheroma, aneurism, &c.	9	4	6	4	3	....	2	7	1	4	6	8	35	19	54
82	Embolism and thrombosis	2	2	2	5	2	1	2	1	2	....	2	1	9	13	22
83	Diseases of the veins, &c.	....	....	....	....	....	....	....	....	....	1	....	....	1	....	1
84	Diseases of the lymphatic ssytem	....	....	....	....	....	....	....	....	....	1	1	....	2	....	2
85	Hemorrhages	1	....	....	2	3	....	....	3	3	....	....	1	9	4	13

86	Other diseases of the circulatory system	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
87	Diseases of the nasal fossae	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
88	Diseases of the larynx	3	....	4	3	3	....	....	1	....	1	2	1	13	5	18
89	Diseases of the thyroid body	....	....	....	....	....	....	....	....	1	....	....	1	....	2	2
90	Acute bronchitis	35	28	24	17	13	11	3	4	9	8	21	16	82	107	189
91	Chronic bronchitis	11	1	3	4	5	2	2	....	4	1	1	3	13	24	37
92	Broncho-pneumonia	45	43	42	43	27	20	12	14	15	21	36	34	199	153	352
93	Pneumonia	58	49	41	43	45	17	16	12	21	24	32	37	206	189	395
94	Pleurisy	2	...	1	3	1	4	1	....	5	2	....	1	12	8	20
95	Congestion and apoplexy of the lungs	12	12	12	3	4	6	3	6	7	1	8	10	48	36	84
96	Gangrene of the lungs	....	1	....	....	....	1	....	....	1	1	....	1	4	1	5
97	Asthma	1	....	....	....	....	....	1	....	....	....	....	....	1	1	2
98	Pulmonary emphysema	....	2	2	....	....	....	....	....	....	....	....	....	3	1	4
99	Other diseases of the respiratory system	....	....	2	2	1	1	1	....	....	1	1	....	8	1	9
100	Diseases of the mouth and its adnexa	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
101	Diseases of the pharynx	....	....	1	....	1	....	....	....	....	1	1	....	1	3	4
102	Diseases of the oesophagus	....	....	1	....	....	....	....	....	....	....	....	....	1	....	1
103	Ulcer of the stomach	1	1	1	1	....	....	....	1	....	....	1	....	5	1	6
104	Other diseases of the stomach	4	10	5	7	6	3	5	4	2	6	4	4	28	32	60
105	Diarrhoea and enteritis (under 2 years)	61	60	74	75	74	114	400	338	231	119	70	75	943	748	1691
105	*Bis* — Chronic	5	3	2	....	3	3	....	8	13	7	1	6	22	29	51
106	Diarrhoea and enteritis (2 years and over)	3	5	1	2	5	4	9	5	6	8	4	5	17	40	57
107	Intestinal parasites	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
108	Hernia, intestinal obstructions	5	3	2	1	5	5	5	5	3	1	2	3	18	22	40
109	Other diseases of the intestines	3	2	....	1	5	....	....	1	1	....	2	1	8	8	16
110	Acute yellow atrophy of liver	....	....	1	3	4	....	2	4	....	....	....	2	5	11	16
111	Hydatid tumors of liver	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
112	Cirrhosis of liver	1	5	4	3	3	2	3	4	4	2	3	2	24	12	36
113	Biliary calculi	....	....	2	1	....	.....	....	....	....	....	1	....	1	3	4

Deaths from all Causes, during the year 1908.—*Continued.*

		January	February	March	April	May	June	July	August	September	October	November	December	Sex		Total
														Male	Female	
114	Other diseases of the liver	4	2	5	2	6	3	4	3	2	1	1	6	22	17	39
115	Diseases of the spleen	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
116	Simple peritonitis	5	2	6	6	2	2	5	4	6	5	3	3	23	26	49
117	Other diseases of the digestive organs	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
118	Appendicitis and abcess of the iliac fossae	6	1	6	1	2	5	2	2	3	7	....	1	18	18	36
119	Nephritis acute	1	4	2	4	11	6	5	2	4	3	3	7	29	23	52
120	Bright's disease	26	31	20	30	24	19	31	24	28	18	14	29	137	157	294
121	Other diseases of the kidneys and adnexa	2	1	2	2	....	....	....	5	....	1	....	....	3	10	13
122	Calculi of the urinary tract	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
123	Diseases of the bladder..	1	3	1	....	2	1	....	1	1	1	1	....	10	2	12
124	Diseases of the urethra, urinary abscess, &c.	....	....	....	....	1	1	....	....	....	1	....	....	2	1	3
125	Diseases of the prostate..	....	....	2	2	2	....	....	2	....	4	....	....	12	....	12
126	Non venereal diseases of the male genital organs	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
127	Metritis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
128	Uterine hemorrhage (non puerperal)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
129	Uterine tumors	....	....	1	....	....	1	....	....	....	....	....	....	....	2	2
130	Other diseases of the uterus	....	1	....	....	....	....	....	....	....	....	....	....	....	1	1
131	Cysts and other ovarian tumors ..	....	2	....	....	....	....	....	....	....	....	....	....	....	2	2
132	Other diseases of the female genital organs	....	....	....	1	....	....	....	....	1	....	....	....	....	2	2

133	Non puerperal disease of the breast (cancer excepted)	....	....	....	....	....	....	....	....	....	....	....	....	....	....
134	Accidents of pregnancy	2	1	1	1	....	....	....	2	1	....	....	2	....	10	10
135	Puerperal hemorrhage	....	2	....	....	1	....	....	....	....	....	....	....	....	3	3
136	Other accidents of labor	2	2	....	....	....	2	....	1	....	2	....	4	....	13	13
137	Puerperal septicemia — A. Puerperal Septicemia	3	1	3	2	2	3	1	2	....	2	....	1	....	20	20
	Puerperal septicemia — B. Puerperal phlebitis	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Puerperal septicemia — C. Puerperal metroperitonitis	2	1	....	....	1	....	1	....	1	1	1	....	....	8	8
138	Albuminuria and puerperal eclampsia	1	1	....	1	2	....	1	....	1	....	2	1	....	10	10
139	Phlegmasia alba dolen (puerperal)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
140	Other puerperal accidents. — Sudden death	....	....	....	....	1	....	1	....	....	....	....	....	....	2	2
141	Puerperal diseases of the breast	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
142	Gangrene	....	....	....	2	1	....	....	1	1	1	....	1	5	2	7
143	Furuncle	1	....	1	2	....	1	....	3	....	1	1	....	3	7	10
144	Acute abscess, phlegmon	....	....	....	4	3	4	3	1	2	....	1	....	6	12	18
145	Other diseases of the skin and adnexa	1	....	5	1	1	....	1	2	3	1	....	...	11	4	15
146	Diseases of the bones (non tubercular)	1	3	1	1	5	1	....	....	2	....	1	1	6	10	16
147	Arthritis and other diseases of the joints (tuberculosis and rheumatism excepted)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
148	Amputation	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
149	Other diseases of the organs of locomotion	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
150	Congenital malformations — A. Hydrocephalus	2	3	....	1	....	1	1	3	....	3	....	....	7	7	14
	Congenital malformations — B. Other	4	5	5	10	4	2	4	5	5	....	2	2	28	20	48

Deaths from all Causes, during the year 1908.—*Continued.*

		January	February	March	April	May	June	July	August	September	October	November	December	Sex: Male	Sex: Female	Total
151	Congenital debility — A. Premature birth	13	21	17	16	18	18	16	15	13	16	10	12	108	77	185
	B. At full term, having lived less than 24 hours	3	6	7	2	2	4	2	2	3	5	7	8	32	19	51
	C. Other	1	1	1	1	....	....	....	....	....	1	....	....	2	3	5
	D. Icterus, sclerema, umbilical hemor.	4	....	1	2	2	2	....	3	2	3	2	1	13	9	22
152	Other diseases peculiar to early infancy	....	....	4	2	....	2	1	1	2	....	2	2	8	8	16
153	Lack of care	....	....	1	....	....	....	....	....	1	....	....	....	1	1	2
154	Senile debility	21	17	12	11	11	11	20	8	18	26	15	19	80	109	189
155	Suicide by poison	....	....	1	....	....	....	....	....	....	1	1	....	3	....	3
156	Suicide by asphyxia	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
157	Suicide by hanging or strangula-	....	....	....	....	....	....	....	....	....	1	....	....	1	....	1
158	Suicide by drowning	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
159	Suicide by fire-arms	2	1	....	1	....	....	....	....	....	....	....	....	4	....	4
160	Suicide by cutting instruments	....	....	....	....	....	1	....	....	....	....	....	....	1	....	1
161	Suicide, jumping from high places	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
162	Suicide by crushing	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
163	Other suicides	....	1	....	....	....	....	....	1	1	....	1	....	4	....	4
164	Fractures	7	1	2	6	3	5	5	3	7	3	4	3	43	6	49

165	Dislocations — A. Sprains	..	...	....	....	..	..	..	...	....	....	....	....	....	....	.
	Dislocations	....	...	..	....	..	...	....	....	....	....	....	....	....	....	.....
166	Other accidental traumatisms	5	3	2	6	2	4	4	2	8	8	7	2	44	9	53
167	Burns and scalds	3	3	3	3	1	1	4	3	....	4	1	4	15	15	30
168	Burns from corrosive substances	...	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
169	Sunstroke	....	..	..	....	....	2	1	1	....	....	....	....	3	1	4
170	Freezing		...	..	....	..	....	....	...	....	....	....	....	....	....	.....
171	Electric Shock	....	....	....	....	....	....	....	....	..	....	....	....	....	....	.....
172	Accidental drowning	..	...	....	..	7	11	6	8	8	6	2	1	47	2	49
173	Inanition — A. Overwork	..	....	..	....	....	....	....	....	....	....	....	....	....	....	.....
	B. Inanition	..	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
174	Absorption of smoke, deleterious gases, &c. (suicide excepted)	...	....	....	....	....	1	....	....	....	1	...	1	2	1	3
175	Other acute poisoning	4	1	4	2	1	1	1	1	....	4	1	2	13	9	22
176	Other external violence	1	....	....	1	3	5	....	....	2	1	2	....	12	3	15
	A. Dystocia	10	8	8	11	5	11	5	13	7	6	7	13	62	42	104
	B. Homicide	...	2	2	2	....	1	....	....	...	3	....	....	9	1	10
177	Dropsy	....	....	1	....	....	2	1	1	...	...	....	2	4	3	7
178	Sudden death	....	....	1	1	....	1	....	....	1	....	....	....	2	2	4
179	Unspecified or ill-defined causes of death — A. Dentition	...	....	2	....	....	1	1	1	1	....	1	1	4	4	8
	B. Infantile debility	50	48	54	40	40	50	44	52	40	44	40	50	318	234	552
	C. Adult debility	2	1	....	....	1	....	1	1	....	2	....	....	1	7	8
	D. Gastric trouble	....	....	....	....	....	1	1	1	....	....	....	...	1	2	3
	E. Others	14	14	15	12	10	12	10	9	4	10	7	6	83	40	123
	Total	764	743	747	732	729	632	885	848	745	651	585	662	4591	4132	8723

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